

# THE BULLETIN

OCTOBER 16, 2000 ~ 54TH YEAR ~ NUMBER 5

## New Goal: U of T to Raise \$1 Billion

BY JAMIE HARRISON

THE CAMPAIGN FOR THE University of Toronto — already Canada's most ambitious university campaign — has increased its goal to \$1 billion and been extended by two years to 2004.

President Robert Birgeneau's announcement of the new goal builds on the success of the campaign which has raised more than \$700 million from 100,000 donors since it was launched in 1997. This new phase of the campaign will focus on raising significant funds in support of graduate students, endowed chairs through the Canada Research Chairs program as well as several capital projects.

"When the Robert Prichard presidency came to a close and the Robert Birgeneau era began, it happened to coincide with the university's next phase of academic planning through 2002," said Jon Dellandrea, vice-president and chief development officer. "The next four-year period will be a time in the campaign where we must maintain our current level of intensity."

Dellandrea said that in order to reach the new goal, the support and involvement of U of T's 350,000 alumni throughout the world will be critical. "This is a call to arms to all U of T graduates — our priority now is to ensure that

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## PORTRAIT OF A PRESIDENT



PHOTOS BY STEPHEN SIMEON

It's official! Robert Birgeneau was installed as U of T's 14th president Oct. 12. For more on his address and images of the installation ceremony, see pages 8 and 9.

## Student Financial Aid Guarantee Working

*Accessibility not hampered by higher tuition*

BY SUSAN BLOCH-NEVITTE

RUMORS OF THE DEMISE OF accessibility because of higher tuition have been greatly exaggerated, according to data compiled by Professor Ian Orchard, vice-provost (students).

Tuition fees for first-entry arts and science students have increased by over 56 per cent since 1995-1996 and professional program tuition fees such as medicine, for example, have more than doubled. But access to U of T by visible minorities and lower-income students is holding steady or improving.

The data indicate that 41 per cent of first-entry students in 1999-2000 came from families with incomes below \$50,000 — up from 32 per cent last year. The number of visible minorities among first-entry students decreased by only two percentage points to 57 per cent in 1999-2000.

First-year professional student

accessibility is improving, with visible minorities up from 44 per cent to 49 per cent and students from families earning less than \$50,000 up from 31 per cent to 38 per cent. In addition the yield rate — the rate at which students accepted to the university actually register — is holding steady or improving in professional programs, despite steep tuition increases.

Orchard credits the university's financial aid guarantee for most of the improvement. Enacted two years ago, the policy says that no qualified student will be prevented from beginning or completing his or her education because of financial need. Orchard says there's no equivalent at other Canadian universities, in part because no other Canadian university has the more than \$500 million in endowment directed solely to student financial support. In 1999-2000 the university spent \$57 million on financial support; by next year it will spend

\$75 million.

The guarantee provides grants to first-entry and graduate students who have financial need above the Ontario Student Assistance

Program, or OSAP, the government's standard needs assessment. Grants of as much as \$20,000 have

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## Researchers to Profit From New Tech Office

BY ALTHEA BLACKBURN-EVANS

U OF T'S TECHNOLOGY transfer office and the Innovations Foundation have joined forces to create UTech Services to help researchers protect — and better profit from — their research.

From its new home at 243 College St. the integrated office helps faculty with all aspects of research partnerships with companies, technology transfer and commercialization.

The new umbrella organization

is composed of business development officers from the technology transfer office and the staff of the Innovations Foundation, bringing together a team of specialists with expertise in negotiating contracts, partnerships, licences, joint ventures and business creation.

"Our goal is to maximize the impact of the more than \$2 million we spend on research every day at U of T and the affiliated hospitals," said George Adams, president of the Innovations Foundation.

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### INSIDE

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## IN BRIEF



### U of T Library tops in North America

WITH MORE THAN 8.6 MILLION HOLDINGS AND 51,000 SERIALS, U of T has the top research library system among public universities in North America and ranks fourth overall behind Harvard, Yale and Stanford — all private universities. The next Canadian libraries on the list are the University of Alberta and the University of British Columbia, ranked 30th and 31st respectively. "We have been trying to maintain and build based on the support of a sophisticated and demanding academic community who really do know what they need," said Carole Moore, chief librarian. Compiled by the Association of Research Libraries, the rankings are based on statistics for volumes held, volumes added, current periodical subscriptions, permanent staff and total library expenditures at 111 top North American universities.

### New centre to focus on child welfare

THE FACULTY OF SOCIAL WORK WILL BE HOME TO ONE OF FIVE NEW centres of excellence for children's well-being announced Oct. 5 by Health Canada. The federal government has committed \$20 million over five years to create the centres, with each centre receiving between \$500,000 and \$700,000 per year over the five years. The Centre of Excellence for Child Welfare, run by the Bell Canada child welfare research unit in the Faculty of Social Work and the Child Welfare League of Canada, will work on effective prevention and intervention options for children who may come into contact with the child welfare system. The other centres were awarded to the University of Montreal, Lakehead University, the Social Planning Council of Winnipeg and the Students Commission, a national youth advocacy group.

### Woodsworth programs to be cancelled

ACADEMIC BOARD APPROVED THE CANCELLATION OF FOUR programs at Woodsworth College and another at the School of Graduate Studies at its meeting Sept. 28. Two certificate programs — one in criminology, the other in law enforcement and administration — are expected to be phased out due to low enrolment and higher enrolment in similar degree programs also offered through the college. A business certificate program will be closed because of low completion numbers and a diploma program in gerontology will be phased out due to a lack of academic support and declining enrolment. Academic Board also approved the discontinuation of the master's in health science program in clinical biochemistry at SGS because the program was not drawing the kind of students it was originally intended for. These proposals will now go before Governing Council for final approval.

## AWARDS & HONOURS



### Faculty of Applied Science & Engineering

PROFESSOR DAVID BAGLEY OF CIVIL ENGINEERING received the prestigious Harrison Prescott Eddy Medal from the Water Environment Federation Oct. 17 at the federation's annual technical conference exposition. Bagley shared the medal, awarded for research that makes a vital contribution to existing knowledge of the fundamental principles or process of wastewater treatment, with Toby Brodkorb, a fellow member of the Water Environment Association of Ontario.

UNIVERSITY PROFESSOR MICHAEL COLLINS OF civil engineering has been awarded the 1999 Wighton Fellowship, given annually by the Sandford Fleming Foundation in co-operation with the National Council of Deans of Engineering & Applied Science to "recognize and honour persons who have contributed to instruction in an undergraduate laboratory in a Canadian school of engineering in an innovative, distinctive and exceptional way." Collins received the award at a ceremony held at the Faculty Club Sept. 13.

### Faculty of Arts & Science

KEN GASS, A SENIOR TUTOR WITH THE UNIVERSITY College drama program, was the recipient of the 2000 Herbert Wittaker Drama Bench Award. The award is presented annually by the Canadian Theatre Critics Association to a member of the Canadian theatre community in recognition of his or her distinguished contribution to Canadian Theatre.

PROFESSOR JOHN FUREDY OF PSYCHOLOGY WAS awarded the Pavlovian Society's Gantt Medal, given for long-standing service to a society that is "devoted to the truth" and engages in no political activities. Furedy received the award Oct. 1 at the society's annual meeting in Annapolis.

PROFESSOR ROBERT McMILLAN OF ECONOMICS at U of T at Mississauga has been awarded first place in the National Tax Association's Dissertation Award competition. The award recognizes excellence in the field of public economics.

PROFESSOR EMERITUS TONY NALDRETT OF geology will receive an honorary doctor of science degree from Laurentian University during convocation ceremonies Nov. 4. Naldrett is being honoured for his contributions to geology and to the origin of ore deposits, particularly those in the Sudbury basin.

PROFESSOR DAVID NOVAK OF THE STUDY OF religion has been selected as the winner an American Academy of Religion Award of Excellence in the study of religion in the Constructive-Reflective Studies category for his book *Covenantal Rights: A Study in Jewish Political Theory*. The award will be presented Nov. 18 during the academy's annual meeting in Nashville.

### Faculty of Medicine

PROFESSOR CHANDRAKANT SHAH OF PUBLIC HEALTH sciences was the recipient of an Urban Alliance on Race Relations 25th Anniversary Race Relations Award in recognition of demonstrated commitment to freedom from racism. The awards were presented during a gala celebration at the Delta Chelsea Hotel Sept. 21.

### Transitional Year Program

KEREN BRATHWAITE OF THE TRANSITIONAL YEAR Program was among the 25 winners of an Urban Alliance on Race Relations 25th Anniversary Race Relations Award for outstanding volunteer contributions and achievements in the field of race relations. Rodney Bobiwash, former co-ordinator of aboriginal student services and programs at First Nations House and a TYP supporter, was also among the distinguished recipients. The awards were presented Sept. 21 at the Delta Chelsea Hotel.

## ON THE INTERNET

### FEATURED SITE

#### Sharing the wealth of art



AN AMERICAN COLLEGE professor has set up a Web site that will leave you yearning to travel and explore the many architectural and sculptural splendours of the world. This site was created by Mary Ann Sullivan, an art historian

and English professor at Bluffton College, a Mennonite liberal arts college in Ohio that stresses the ideals of social justice, service and pacifism. The site contains images of historical and contemporary art and architecture in Europe and North America including classical Greek and postmodern works. Visitors can search by period, country, artist and architect. Sullivan, who began mounting the images in 1997, believes the Web helps increase accessibility for those who cannot afford educational resources. The site also features a separate section on women architects, including an index of more than 60 buildings designed by the renowned architect, Julia Morgan.

<http://www.bluffton.edu/~sullivanm/index/index.html>

#### U OF T HOME PAGE

[www.utoronto.ca](http://www.utoronto.ca)

#### WAYS OF GIVING

[www.donations.utoronto.ca](http://www.donations.utoronto.ca)

#### RESEARCH UPDATES (NOTICES)

[www.rir.utoronto.ca/](http://www.rir.utoronto.ca/)

#### PHD ORALS

[www.sgs.utoronto.ca/phd\\_orals.htm](http://www.sgs.utoronto.ca/phd_orals.htm)

#### U OF T JOB OPPORTUNITIES

[www.utoronto.ca/jobopps](http://www.utoronto.ca/jobopps)

If you want your site featured in this space, please contact Audrey Fong, news services officer, at: [audrey.fong@utoronto.ca](mailto:audrey.fong@utoronto.ca)



### SITES OF INTEREST

#### A woman's Web

CANADIAN WOMEN'S STUDIES ON-LINE HAS LINKS TO WOMEN'S studies programs and academic resources across the country. Put together by U of T's graduate collaborative program in women's studies, the site also provides information about organizations and other resources for women. Be sure to check out the subject directories that include art and culture, feminist newsgroups and discussion groups, feminist online magazines, film, gender and sexuality, health, history, law, literature, sexual assault, subject indexes and search tools.

<http://www.utoronto.ca/womens/CDNWOMEN/index.html>

#### Getting settled at U of T

THE U OF T FACULTY RELOCATION AND SUPPORT PROGRAM provides assistance to prospective and recently appointed faculty with many aspects of relocating to Toronto. The site offers excellent links to services such as housing, real estate, moving, banking, children and family services, community facilities (on and off campus), setting up your household (including Fido and Kitty) and a general orientation to Toronto and the university.

<http://www.library.utoronto.ca/faculty-relocation/frhome/index.html>



# Construction Costs of Bahen Centre Rise

BY JUDY NOORDERMEER

**B**USINESS BOARD HAS APPROVED spending an extra \$16.5 million on the Bahen Centre for Information Technology to add a sixth floor to the building and a block chiller plant.

The additions will bring the total cost of the centre, currently under construction, to \$104.6 million. Inflation in the Toronto construction market is also a factor in the increased cost, Janice Oliver, assistant vice-president (operations and services) told board members Oct. 2.



Artist's rendering of the centre

Construction costs have risen an estimated 12 per cent in the past year and are expected to increase at a monthly rate of 0.5 to one per cent in the near future due to the shortage of workers and supplies in some trades. In considering the increase, Oliver said it was "important to understand the magnitude of the project," which she said was

close to half the size of Robarts Library.

Rising costs in the construction market come at an ominous time for the university as it prepares to accommodate the double cohort and increasing enrolment brought on by the echo of the baby boom. "We're heading into a period of expansion the likes of which we haven't seen since the 1960s," Professor Michael Finlayson, vice-president (administration and human resources), told the board. There will be more construction on campus in the coming years than there has been in decades, he said.

The Bahen Centre will bring under one roof the research labs and classrooms of the university's expanding information technology programs and the addition of a sixth floor to the original design will offer room for these programs to expand. The installation of a chiller plant within the facility will provide chilled water for air conditioning in buildings around the centre — many of which have systems that are almost 30 years old.

Funding for the centre is coming from a variety of sources including the Access to Opportunities Program, University Infrastructure Investment Fund, SuperBuild Fund, Canada Foundation for Innovation, Ontario Research and Development Challenge Fund and private sector donations. The expansion proposal will go before planning and budget committee Oct. 18.

## THE BRONZE AGE



DOUG LEEIES

*These four swimmers from U of T at Mississauga — half of Canada's synchronized swim team — co-ordinated their way to a bronze medal at the Sydney Olympics. Another U of T student, Emma Robinson, also won bronze in her rowing event, open women's eight. From left to right: Catherine Garceau, Erin Chan, Fanny Letourneau and Clare Carver-Dias.*

## Firm Chosen for Campus Design

BY JANET WONG

**F**RONT CAMPUS WILL SOON BE undergoing a renaissance.

Recognizing the need to revitalize the spaces on the downtown campus, the university has hired a group of landscape architects to implement the first phase of its open space plan.

Andropogon Associates Ltd., a Philadelphia-based firm that specializes in melding ecological planning and sustainable design in landscape architecture, will develop a redesign and implementation

plan for front campus, said Professor Michael Finlayson, vice-president (human resources and administration).

The area to be redesigned includes King's College Circle, King's College Road, the plaza at Convocation Hall, Galbraith Road and Visitors Walk (the pedestrian walkway between King's College Circle and St. George Street south of Knox College).

Finlayson said the plan should address such issues as the need to improve conditions for pedestrians, the loss of green space, the widening

of university roads and the proliferation of surface parking. Under the new plan, parking will be significantly reduced. While city bylaws mandate a certain amount of parking spaces, he said there are other options such as underground or off-site parking.

From start to finish, the first phase of the project is expected to take between 12 and 18 months to complete and will cost approximately \$4.5 million. The university, Finlayson said, will provide half of that money while the other half will be raised privately.

## SOCIAL WORK

### RELATING TO PEOPLES

*Everything you always wanted to know about your neighbour but were afraid to ask*

BY VICTORIA HADDEN

**E**VERY MAJOR COUNTRY IN THE WORLD REPRESENTED in Canada's diverse population will be profiled in a series of booklets that is becoming the crowning achievement for the Anti-Racism, Multiculturalism and Native Issues Centre (AMNI), according to Professor Usha George, associate dean in the Faculty of Social Work and academic co-ordinator of the centre.

Designed primarily to provide background information on new Canadians, 102 cultural profiles will be available when the project is completed this spring. "We've had fabulous feedback. Generally new Canadians are very proud of their countries and their cultures," says George who implemented the centre in 1995 as a response to Canada's increasing diversity.

Since the project began in 1997, 80 booklets have been created, 22 of which are currently in production. The majority of booklets are distributed through the HOST program. Operated through non-profit community agencies, the program's goal is to match newcomers to Canada with volunteers who offer fellowship, orientation to the new community and, if required, an opportunity to practise their new Canadian language in either English or French.

But according to George, their popularity as a cultural link is steadily increasing. Copies are currently distributed to all secondary and elementary schools in Ontario and the demand from other provinces is on the rise. Funded by Citizenship and Immigration Canada, the booklets can also be found anywhere multicultural programs are offered including public libraries, child care centres, hospitals, long-term care facilities, police stations, the diplomatic community and foreign trade missions. "Huge numbers have been sent to Cairo for the formal training of immigration officers. They are also highly appealing to children," says George. "Social workers use them



with their clients, students use them for projects and teachers find them invaluable as a resource."

The process of producing these pieces has sometimes been explosive, admits George. "There have been huge debates in these focus groups over what qualities make up a certain culture. It's been a real eye-opener as to just how ethnocentric we are. People still hold on to their roots — in fact the focus group on the Canadian profile was the most challenging in terms of gaining agreement about who we are. Two groups were locked in debate over who stole souvlaki, the Dutch were very adamant over how much they differed and of course pockets of tension exist in many countries."

In fact George says the most amazing aspect of this

exercise, and one she will be doing a paper on, was observing how nationalism comes to life in the focus group process. She said the same semi-structured questionnaire was distributed to every group and the results so far have indicated that every group considers themselves bicultural.

Each cultural profile follows the same basic format detailing such areas as landscape and climate, history, family life, the work world, sports, recreation, health care, food, education, languages, spirituality, holidays, literature and the arts.

George was born in the Indian state of Kerala, which, according to the United Nations, lays claim to one of the highest social development index in the developing world. There she completed a bachelor of science, a bachelor of education and master of sociology. She obtained another master of sociology degree at Loyola University in Chicago with an emphasis on social policy and planning. She also commenced her doctoral studies at Loyola University before completing her thesis at Ahmadu Belle University in Nigeria, one of the largest universities in Africa where she moved with her husband. George and her husband continue to manage her husband's rubber plantation in India from their home in Markham, Ont., travelling back to their home state of Kerala every year.

"Most of the time I feel very happy blending these two rich worlds. I don't feel alienated from my culture but have a solid footing in both. I love to wear saris and I've had a happy arranged marriage. I feel excited about people going to India but apprehensive, too. We don't treat our tourists very well because in some ways we haven't moved beyond the 19th century. We need to just get a few things right — the roads, water, electricity and telephones. And then we'd have it."

STEPHEN SIMEON



# Hart House Happenings

7 Hart House Circle • www.utoronto.ca/harthouse

## SPECIAL EVENTS Call 978-2452

**Sunday Concert** - On of the world's foremost erhu players, **George Gao** performs in a concert of classical Chinese music, Sun. Oct. 1 at 3pm in the Great Hall. Free. All welcome.

**Graduate Committee Dinner Series** - Dr. Alex Waugh presents on update of the beautification project of the St. George Campus, Oct. 25 at 7:30pm. Future dates are: Nov. 22, Dec. 6, Jan. 10, Feb. 14 and Mar. 7. Single tickets are still available in limited quantity at the Membership Services Office. Call 978-2447 for information.

**"Pleasures of Flesh Series"** - "Flesh Art Gallery", featuring **Ace Daniels**, curator of the Body Modification Museum, Oct. 26 at 7pm in the Hart House Library. Call 978-2453 for more information.

## ART Call 978-8398

**The Justina M. Barnicke Gallery** - "Cuban Photographers Exhibition", Oct. 12 - Nov. 9.

**Arbor Room** - Featuring the artworks of **Diana Juricevic** and **Rabyn Mainar**. Runs from Oct. 2-28.

## Library Call 978-5362

**Reading and Discussion** - Dr. Bruce Meyer launches his latest book on the 'great books'. He is joined by Prof. Peter Temes, President of the Great Books Foundation, and other surprise guests, Fri. Oct. 20 at 7:30pm in the Hart House Library. Free. All welcome.

**Writuals Literary Pub** - Poetry Slom with **Jennifer Bransen** and **Ray Hsu**, 8:30-11:00pm in the Arbor Room. Come out and read! Free. Licensed.

## MUSIC Call 978-2452 - All concerts are FREE!

**Worlds of Music Workshops** - Workshops in Congolese Singing, Bolkan Singing, Ghanaian Drumming, Coribbeon Choral Singing, Drums of the Cameroon, South African Gumboo Dancin, Canadian Fiddling, Classical Indian Singing and Harmonic Overtone Singing. Ten-week sessions at Hart House. \$75 for U of T students; \$150 for non-students. Registration forms available of the Porters Desk. Call 978-0537 for more information and schedules.

**Jazz Chair** is seeking a vocal jazz conductor. Apply at the Hall Porters' Desk by Fri. Oct. 6. Call 978-6315.

**Jazz at Oscars** - The Mike Webster Quartet, Fri. Oct. 20; The Andrew Baniwell Quartet, Fri. Oct. 27. All performances begin at 8:30pm in the Arbor Room. Licensed. No cover. Call 978-5362 for more info or visit our website at www.utoronto.ca/harthouse

Are you interested in helping to produce the Music Committee's, From the Hart, the Thursday night music series in the Arbor Room which presents an eclectic mix of rock, folk, world music and open stages? email: whipple@xbase.com

## CLUBS & COMMITTEES Call 978-2452

**Drama** - Submission deadline for U of T Drama Festival and Spring production proposals is Mon. Oct. 23. Play reading of "A Clockwork Gorbachev" by **Maggie MacDonald**, is given on Thurs. Oct. 26 at 6:30pm in the South Sitting Room. Call 978-6315 for details.

## ATHLETICS - CALL 978-2447

**Massage Clinic** - Available Mondays and Wednesdays. Booking is required 24 hours in advance. \$53/hour for students with valid student ID. Call 978-2447 for more information and to make a booking.

**HART HOUSE**

UNIVERSITY OF TORONTO

# U of T to Raise \$1 Billion

~ Continued From Page 1 ~

every graduate feels a personal stake in the university's future," he said. "This campaign has been so successful because of the public response to U of T's high aspirations. The campaign has been a participatory exercise by many, many members of the university community."

To date, the campaign has attracted about 40,000 first-time donors, who account for more than \$300 million of the current total. The largest group of donors — about 82,000 alumni and friends of the university — each gave less than \$1,000. Of donors giving the largest amounts, 132 made pledges between \$1 million and \$5 million and 21 made pledges in excess of \$5 million.

In individual donations about 35 per cent of donors are alumni while 36 per cent are non-alumni. Corporate giving accounts for 18 per cent of all donations;

organizations and foundations are responsible for the other 11 per cent. "These are people and organizations that believe in the mission of the University of Toronto," said Dellandrea.

The majority of campaign donations are supporting "human capital," with 24 per cent of commitments funding chairs and professorships and 23 per cent supporting student aid. About 32 per cent of donations are supporting academic programs. Capital projects and the University of Toronto Libraries follow at 13 and nine per cent respectively.

Dellandrea said the next phase of the campaign will place a greater emphasis on capital projects. Some projects already under way include the Bahen Centre for Information Technology, the Centre for Cellular and Biomolecular Research, renovations to the Faculty of Architecture, Landscape and Design and the Gerstein Science

Information Centre. Other projects will include athletic complexes at Mississauga and Scarborough, the open space plan at St. George campus, facilities for the psychology department, improvements to the Faculty of Nursing, a multi-faith centre and the Varsity Stadium project.

"We're placing a great priority on expanding our human capital with a specific emphasis on certain areas including graduate student support, endowed chairs through the Canada Research Chairs and our capital needs throughout the university," Dellandrea said. "This is an exciting phase in the life of the university, as we build on our success and strive to secure our place as one of the world's 10 best public research universities."

The university will also continue to pursue funding for its \$200-million parallel goal in future bequests, currently totalling nearly \$140 million.

## The 25th Annual Book Sale

of The Friends of the Library, Trinity College

## FINAL TWO DAYS!

Monday 16th October

Tuesday 17th October

10 am - 9 pm

— loads of fresh stock waiting —

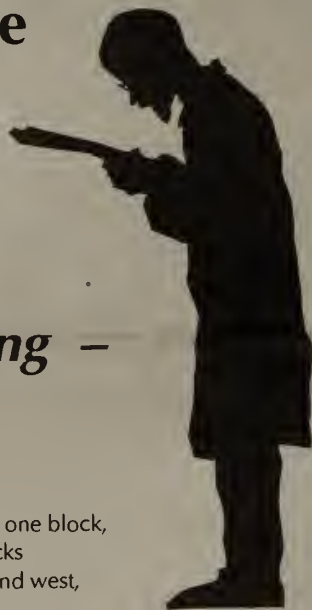
Trinity College, 6 Hoskin Avenue  
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from the subway...

St George: walk south one block,  
east one and a half blocks  
Museum: walk south and west,  
around the corner



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for the advancement of science

### Free Lectures

J.J.R. Macleod Auditorium

Medical Sciences Building, 1 King's College Circle  
Information: 416 977-2983 psych.utoronto.ca/~rci

## 2000

Sunday 22 October at 3 p.m.

**Wild salmon, escaped farmed salmon and a conservation imperative** Frederick J. Whoriskey Jr.  
Atlantic Salmon Federation, St. Andrews, NB

Sunday 29 October at 3 p.m.

**The Global Village is a myth** Paul Hoffert  
Research Prof. Sheridan College  
Adjunct Prof. Fine Arts, York University  
Director, Digital Media Institute

Sunday 5 November at 3 p.m.

**The biodiversity crisis in Vietnam** Robert W. Murphy  
Centre for Biodiversity and Conservation ROM  
Dept. of Zoology, University of Toronto

Sunday 12 November at 3 p.m.

**Beyond Hubble: Next Generation Space Telescope** Simon J. Lilly  
Dept. of Astronomy, University of Toronto  
NGST Canadian Project Scientist

Sunday 19 November at 3 p.m.

**The genetics of dementia** Peter St George-Hyslop  
Division of Neurology  
Dir., Centre for Research in Neurodegenerative Diseases, Uof T  
Director Alzheimer's Clinic, Toronto Hospital

Sunday 26 November at 3 p.m.

**How do we see and move at the same time?** Laurence R. Harris  
Department of Psychology and Biology, York University

Sunday 3 December at 3 p.m.  
suitable for 6-12 year old young people

**Fun with Physics** John Caranci, Toronto District School Board, and  
George Vanderkuur, Past President of RCI

Department of Chemistry



University of Toronto

presents

## The A. R. Gordon

## Distinguished Lecture Series 2000-2001

Professor Jean-Marie Lehn

ISIS, Université Louis Pasteur, Strasbourg and College de France, Paris

### "Perspectives in Supramolecular Chemistry"

"From Molecular Recognition Towards Self-Organization"

Part I — Monday, October 30, 2000 at 2:00 p.m.

"From Molecular Recognition Towards Self-Organization"

Part II — Monday, October 30, 2000 at 5:00 p.m.

### "Dynamic Combinatorial Chemistry, Concepts and Implementation"

Tuesday, October 31, 2000 at 4:00 p.m.

ALL LECTURES WILL TAKE PLACE IN  
Room 162, Lash Miller Chemical Laboratories  
80 St. George Street, University of Toronto



## PROFILE

# THE PAST AND ITS PEOPLE

*Biographer breathes life into Canadians long gone*

By JANET WONG

ROBERT FRASER HAS ALWAYS HAD AN INTEREST in dead people. From the time he was a little boy, the 52-year-old historian and executive officer of the *Dictionary of Canadian Biography* remembers listening to his grandparents tell stories of the past and its people. "They were wonderful orators and I remember sitting there as a kid and listening to them talk about the past and imagining it. That sense of wonder is still there," he says, somewhat wistfully.

From the offices of the *Dictionary of Canadian Biography* (DCB) on the 14th floor of Robarts Library, Fraser says he still gets a charge out of delving into the stories and lives of people long dead. But he describes his fortuitous path to the DCB as "inadvertent and possibly serendipitous."

Working on his PhD in pre-Confederation Canadian history at U of T in the spring of 1976, Fraser had just finished his comprehensive exams and was about to complete research for his thesis when he received a phone call from a person in the archives suggesting that he contact the DCB. From a bus stop, he returned the call — they were contacting him for an interview.

"I guess someone at the DCB had spoken to the department of history to see if there were any graduate students that were either incapable of getting jobs elsewhere or ideally suited to this job. I have no idea which." While he doesn't recall exactly what was said, he does remember that the biggest debate after he started the job was whether or not he'd worn a kilt during the interview. (He didn't.) He doesn't know why, he says with a laugh, but he'd obviously left a strong impression of the Highlands.

For Fraser the whole notion of working for a living seemed completely foreign. "I'd never really thought about working. I was a child of the student movement in the 1960s and working for a living just seemed like a great obstacle to overcome."

After 24 years, however, Fraser has obviously found his niche. In addition to enjoying his work and the people at the DCB, he says that the initial training he received when researching and writing biographies was in some ways more rigorous than graduate school.

The DCB, now into its 14th volume, began in the 1950s with



an endowment from the late James Nicholson. Published by U of T Press, the dictionary provides detailed biographies of Canada's significant historical figures as well as short articles on common citizens of the day. Unlike the *Dictionary of National Biography* or the *Dictionary of American Biography*, for example, Fraser says the DCB was meant to be inclusive. Where the former two are fundamentally elitist — dealing with the power brokers, captains of industry and politicians — the focus of the DCB is decidedly not, he says.

In addition to people of note, the DCB also includes

biographies of common citizens, people whose individual stories provide a flavour of the life and conditions of Canadian society at that time. "The DCB is done by period, with people listed alphabetically in that period. So the first volume starts from 1000 to 1700. When you deal with one of these volumes, you get a sense of the period as opposed to a random list of Canadians from any period. It's got the added strength in that it puts things into context. And it also means there's often an interrelationship between biographies of that period."

But how do they choose among the vast numbers of fascinating people that have lived and died in Canada? And where do they find the information on which to write the biographies?

For those who envision dedicated DCB staff and historians toiling away in dusty old attics or musty old basements, that's not the way it's done. "It's a nice image, but in point of fact, we don't do that," Fraser says with a grin. "The starting point for us is death. So if they're dead, an obituary is a good place to start. We look at newspaper obituaries, magazine obituaries, capital case files, anything that pops up so that when we analyse a period we can start with four or five thousand names of people who died in that period."

The list of names is whittled down, then sent to consultants across the country for input. Biographies are arranged by categories, ranging from 600 to 18,000 words. "What we really do here is shape the volume by making the decisions as to who goes in it, what length the biography should be and who writes it. Sometimes we'll assign biographies on speculation because we're so convinced that embedded in this life is a compelling story. And even more, a compelling story that will illuminate some aspect of the past."

To illustrate his point, he cites the biography of Rankin Wheary that appeared in the most recent DCB volume. Wheary was a young black man from New Brunswick killed in the First World War. "There's a kind of lyrical quality to this biography and life," he says. "Here was this kid who loved playing baseball, which was one of the great pastimes of the Maritimes, and he gets caught up in this war and enlists with the 26th regiment. Now it was thought that regiments at the time of the First World War were all segregated, but we found that within this regiment at least, it was integrated." For Fraser, it is examples like these that bring Canadian history to life.

DAVID STREET

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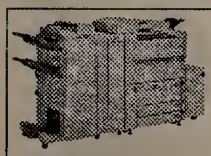
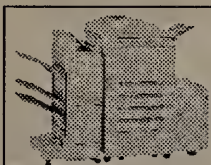
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The Department of Clinical Epidemiology and Biostatistics and the Centre for Health Economics and Policy Analysis Present: 9th Annual Labelle Lectureship  
**"The Unbearable Rightness of Bedside Rationing"**  
 October 18; (1:00-2:30 p.m.)  
 McMaster University - Health Sciences Centre Room 1A1  
**Dr. Peter A. Ubel,**  
 Associate Professor of Medicine and Director, Program on Medical Decision Making, University of Michigan  
**Discussant: Dr. Arthur Schafer, Professor**  
 Director, Centre for Professional and Applied Ethics, University of Manitoba



**United Way**  
 OF GREATER TORONTO

A READING BY

**SIMON J. ORTIZ**

*Out There Somewhere:  
 A Native Voice Within and Without*

*Poetry and Prose by Simon J. Ortiz*

ON

**TUESDAY 24 OCTOBER 2000  
 7:30 P.M.**

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## Student Aid

~ Continued From Page 1 ~

been made to U of T students through the program and the vast majority (94 per cent) of students receiving U of T assistance receive it solely as grants as opposed to loans. The remaining six per cent — all of them students in professional programs — receive a mixture of grants and low-interest loans. These students also receive a second grant to cover the interest charged on the loan.

According to Orchard more than half of students who graduated from first-entry programs in 1999 had no OSAP debt and among those who had borrowed through OSAP, the average debt load was \$14,000, considerably less than the \$25,000 figure that is often cited by opponents of higher tuition. "It's a nonsensical number," said Orchard, "but it makes good press."

But Orchard added that despite

the good news on accessibility, there's still work to be done on improving financial support. He said particular attention is being paid to high-need students, single-parent families and part-time students. While part-time students are not eligible for OSAP and therefore are not covered under the university's financial aid guarantee, the university has initiated another program for them.

"Our commitment to responsive financial support is a grassroots effort," Orchard said. "By the time the program was implemented in September 1998, every one of the faculties and divisions had created financial aid offices staffed by trained financial aid counsellors. Financial counselling is a very important component because it helps students develop skills in handling their money, and that can have impact for the rest of their lives."

## Researchers to Profit

~ Continued From Page 1 ~

To realize this goal, UTech aims to gain a bird's eye view of the broad range of innovative research activities across U of T campuses. "The challenge," Adams said, "is to identify more technology opportunities, to constantly be in touch with what's going on in the labs across campus, at the hospitals and research institutes and in the business world beyond."

"Our job is to ensure that our researchers are well served," said Peter Munsche, assistant vice-president (technology transfer). "Beyond that we want to enhance the impact that U of T has on the world around us — whether it be the health of Canadians, the sustainability of the environment or

the competitive edge of our growing industries."

Most important, UTech allows researchers to focus on what they do best — research. "I'm a scientist, not an entrepreneur," said Professor David Boocock of chemical engineering and applied chemistry, whose environmentally friendly "biodiesel" fuel — made from recycled food grease — has met with great interest in both Canada and the United States. "The Innovations Foundation has been wonderful in filling that vacuum for me and has successfully handled all of the details that are not in my area of expertise."

UTech will celebrate its official opening on Wednesday, Nov. 1 from 4 p.m. to 6 p.m.

## WOODSWORTH COLLEGE

### Annual Fall Lecture

**Wit & Wisdom:**

*Canadian Political Cartoonists*

**Monday, October 30, 7:00 pm**

**OISE Auditorium • 252 Bloor St. West • Main Floor**

As leadership races heat up on both sides of the border, join **Janice Stein**, Director of the Munk Centre for International Studies and Harroston Professor of Conflict Management & Negotiation, as she moderates a lively panel discussion featuring **Patrick Corrigan** of *The Toronto Star*, **Andy Donato** of *The Toronto Sun*, **Brian Gable** of *The Globe & Mail*, and *The National Post's* **Gary Clement**. We will look at samples of their latest work on screen and discuss the creative process as well as the political incidents that inspired the cartoons. There will be lots of opportunity for audience interaction, and a wine-and-cheese reception follows the discussion.

**Free admission. All are welcome.**

**For information call 416-978-5301**



AN ACT OF  
 REMEMBRANCE  
 at

**The Soldiers' Tower  
 Hart House Circle**

**FRIDAY,  
 NOVEMBER 10TH,  
 2000**

**at 10:30 a.m.**

Carillon

Piper

Hart House Chorus  
 directed by John Tuttle

Last Post and Reveille  
 will be sounded

- Reception in Hart House following the service
- The Memorial Room will be open to visitors until 3:00 p.m.

Arranged by the Soldiers' Tower Committee,  
 University of Toronto Alumni Association





# A KISS IS JUST A KISS



Members of LGBTOUT (Lesbians, Gays, Bisexuals and Transgendered of the University of Toronto) staged a public demonstration of affection on the steps of Sidney Smith Hall Sept. 29. "This is for queer youth on campus to come out and make out or hold hands, cuddle or just cheer," said Jordan Bond-Gorr (right), a second-year student at University College and the group's political action co-ordinator. "It's a statement that we're here, we're queer and we're at U of T!" Bond-Gorr hopes to get faculty and staff involved in the next "kiss-in" — LGBTOUT is planning to hold more such events throughout the year.

## 2000 ALEXANDER LECTURES

### MARILYN BUTLER

RECTOR - EXETER COLLEGE - UNIVERSITY OF OXFORD

**THE COLLECTOR, THE MAGICIAN, THE SURGEON AND THE SPY:  
WISDOM - FIGURES IN POPULAR ROMANTIC-AGE LITERATURE.**

MONDAY, OCTOBER 30	THE COLLECTOR: LEARNED BALLADS AND POPULAR EPICS
TUESDAY, OCTOBER 31	THE MAGICIAN: CAZOTTE, COLERIDGE AND THE GOTHIC ORIENT
WEDNESDAY, NOVEMBER 1	THE SURGEON: THE EMBODIED MIND IN MAJOR ROMANTIC WRITING
THURSDAY, NOVEMBER 2	THE SPY: SECRETS, CODES AND INTELLIGENT TREASON IN EDGEWORTH'S IRELAND.

**4:30 P.M., ROOM 140, UNIVERSITY COLLEGE  
15 KING'S COLLEGE CIRCLE, UNIVERSITY OF TORONTO**

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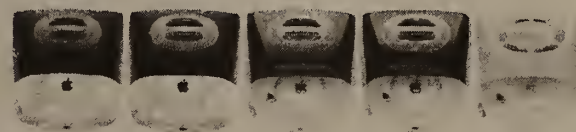
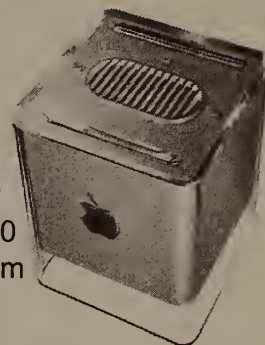
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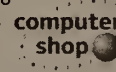
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# THEMES FOR A NEW PRESIDENCY:

*Robert Birgeneau outlines his vision*

BY SUSAN BLOCH-NEVITTE

OVER THE NEXT 10 YEARS, THE University of Toronto will position itself among the world's top public universities through the pursuit of excellence in research and education, equity in its recruitment of faculty and staff and outreach through greater voluntarism.

At his Oct. 12 installation as U of T's 14th president, Robert Birgeneau said the three, embedded in the "fundamental principle of academic freedom," are U of T's aspirations for the first decade of the new millennium and will be coupled with an ambitious new goal of \$1 billion for the university's current fundraising campaign.

"I am a deep believer in the concept of the 'research university ... and by this I mean excellence in research, education and public service,'" said Birgeneau during the installation ceremony at Convocation Hall. "In my view, a research university offers the best possible education that one can obtain as an undergraduate, graduate or professional student.

"There is nothing more exciting than sitting in a classroom being taught by a professor who, one week earlier, has made some discovery that promises to change the paradigm in her field," he

said. "Great researchers bring to the classroom a depth of understanding and a passion for the subject which is simply not obtainable otherwise. Thus, at the University of Toronto, we must have a faculty who both play a leadership role internationally in research and scholarship and are also committed educators."

Birgeneau said that the university may hire as many as 1,000 new professors over the next decade and that the university would be in competition with institutions throughout the world for the best minds. U of T must augment its many leading scholars and educators through aggressive recruitment of top faculty worldwide, including junior faculty, he said. "An excellent faculty will attract both a superb staff and outstanding students. I cannot emphasize too much the importance of having an outstanding staff."

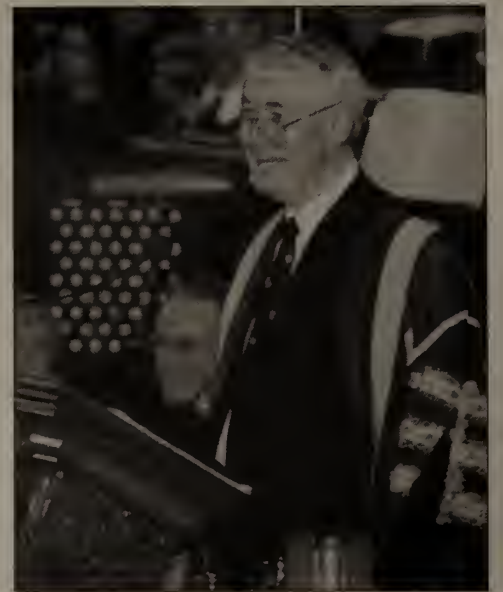
A key component of Birgeneau's equity platform is faculty recruitment. He noted his participation at U of T at Scarborough's student orientation where only five of the 255 parents present that day had previously sent a child to college or university. "The families beautifully reflected the tapestry of the Canadian cultural mosaic," he said. "The University of Toronto is the pathway for such families to social mobility and prosperity and it is an extraordinary privilege to be able to lead a university which plays such a

seminal role in promoting inclusion and equity.

"So far our faculty does not reflect the dramatic demographic transformation that has taken place in our student body and in our community. We have, without doubt, the most diverse student body of any university in the world. Fully one-half of our students self-identify as visible minorities. More than half are women. Close to half were born outside of Canada and about two-thirds speak another language at home in addition to English.

"The responsibility must be distributed broadly, from the deans to the department heads to the search committees and to individual faculty," Birgeneau said. "Each of these must take personal responsibility to ensure that we hire and promote only the best faculty and that these faculty are drawn from the widest pools possible. We must ensure that we continue to foster an environment in which all elements of our society can be comfortable and prosper and in which accessibility no longer presents a major roadblock for anyone in our community. I am absolutely convinced that if we hire well, with excellence in research and education as our sole criterion, then at the end of my presidency our faculty will look much more like our student body than it does at the present time and concomitantly will be measurably stronger."

*Below: Birgeneau's youngest grandchild, Jeffrey Robert Prince, peeks out at the installation proceedings; Lieutenant-Governor Hilary Weston addresses Convocation Hall.*



*Opposite page (clockwise from top left): Preparing for the academic procession; the Wa ba bi:io Singing and Drumming Group; the Lady Godiva Band; the U of T African Drumming Ensemble.*



# EXCELLENCE, EQUITY, OUTREACH

*for the university for the next decade*

To ensure that U of T students have access to a broad-based education, Birgeneau announced that he and Provost Adel Sedra will create a senior council on undergraduate education. "As a public university, we must remain faithful to our educational mission.... Our responsibility is to educate students, not to train them. We must ensure that we educate our students broadly so they understand fully who they are, where they come from and where they are going. We must expose our undergraduate students to a rich mixture of humanities, arts, social science, science and technology," he added. "We must not be afraid to make radical changes."

Birgeneau said he hopes to build on the university's significant number of student volunteers by "integrating voluntarism and social service more fully into student life at U of T. It is a great privilege to be a student at the University of Toronto," he said. "But with that privilege comes the obligation to give back to society in proportion to the benefits one receives from it.... We can increase significantly service by our students, staff and faculty in the community."

Birgeneau also called on the provincial and federal governments to continue and enhance their support of post-secondary education through operating grants at the provincial level and full-cost research funding at the federal level. "Clearly,

if the University of Toronto, or any other Canadian university for that matter, is to achieve and sustain a world leadership position among public research universities, then we must be able to compete effectively for faculty in the global academic marketplace.... We must be able to provide first-class infrastructure and research facilities, our faculty must have adequate research support and discretionary resources and, of course, we must offer internationally competitive salaries. In order to attract the top echelon of PhD students to the University of Toronto we must be able to offer graduate student support packages that are competitive with those given by U.S. and western European universities."

He said the private sector will continue to play a role in U of T's growth — in research and other partnerships as well as increased philanthropy. "We must raise our sights even higher if the University of Toronto is going to join the ranks of the top 10 public universities in the world," said Birgeneau in announcing the campaign's new billion-dollar goal and its extension to December 2004.

It is only in the last 15 years or so that Canadian universities have recognized the importance of permanent private support in the form of an endowment," he said, referring to the university's financial aid guarantee that is supported by

more than \$500 million in endowment and the creation of more than 140 endowed chairs through the current campaign. "Individual philanthropy, in partnership with the university and with government programs such as SuperBuild, has made possible the construction of many important new research and educational centres at the university."

"During the past decade, Rob Prichard, Jon Dellandrea and Tony Comper [campaign chair] and their corps of volunteers have led the most successful development effort in the history of Canadian universities," Birgeneau said. "I am very grateful to each of them and to the tens of thousands of our graduates and friends who have given so generously to the University of Toronto. With your help, Canada can have a research university that is truly among the best in the world — we will succeed in the Olympics of Academia."

"If we aspire to be a city, province or a nation that wields an even stronger sustained presence on the world stage, our shared responsibility is to work together to provide the kind of environment where such greatness is possible. I came home because the University of Toronto is in a position to make this leap to the world stage."

Birgeneau's full address, which was broadcast live on the Web, is available in both video and text formats at [www.utoronto.ca](http://www.utoronto.ca).



PHOTOS BY STEPHEN SIMEON



# THE GAIRDNER FOUNDATION

An Annual Scientific Symposium  
Macleod Auditorium, Medical Sciences Building

## Minds That Matter 2000 Awards Symposium

Thursday, October 26, 2000 9:00 a.m. to 2:30 p.m.

Open Seating

9:00 a.m.

*Welcome and Opening*

**Dr. John H. Dirks**

President, The Gairdner Foundation

**Dr. Bruce A. Archibald**

Assistant Deputy Minister,  
Ministry of Energy, Science and Technology,  
Province of Ontario

**Dr. J. Fraser Mustard**

Gairdner International Award, 1967  
Founding President,  
The Canadian Institute of Advanced  
Research, Toronto, Ontario

**Dr. C. David Naylor**

Dean, Faculty of Medicine,  
University of Toronto

9:30 a.m.

**THROMBOEMBOLISM**

*CHAIR*

**Dr. John D. Kelton**

Professor and Chair, Department of Medicine,  
Faculty of Health Sciences, McMaster  
University, Hamilton, Ontario

**Dr. Jack Hirsh**

Gairdner Foundation Award, 2000  
Director, Hamilton Civic  
Hospital Research Centre  
Professor Emeritus, McMaster University,  
Hamilton, Ontario

*The Discovery, Development and Evaluation  
of Low Molecular Weight Heparin*

Introduced by Dr. C. David Naylor  
Dean, Faculty of Medicine,  
University of Toronto

10:15 a.m.

**BREAK**

10:30 a.m.

**ANTIGEN PRESENTATION**

*CHAIR*

**Dr. Katherine Siminovitch**

Professor of Medicine,  
University of Toronto

**Dr. Alain R. M. Townsend**

Gairdner Foundation Award, 2000  
Ad Hominem Professor of Molecular  
Immunology, Institute of Molecular Medicine,  
Oxford University, Oxford, U.K.

*Ignorance, Luck, Giants and Gentlefolk in  
Cellular Immunology*

Introduced by Dr. Michael Julius  
Professor of Immunology,  
University of Toronto  
Vice-President, Research,  
Sunnybrook-Women's College Health  
Sciences Centre

11:15 a.m.

**Dr. Emil R. Unanue**

Gairdner Foundation Award, 2000  
Mallinckrodt Professor & Chair,  
Department of Pathology,  
Washington University School of Medicine,  
St. Louis, Missouri, U.S.A.

*The Peculiar Symbiosis Between Phagocytic  
Cells and Lymphocytes in the Immune Response*

Introduced by Dr. Robert A. Phillips  
Professor, Department of Medical Biophysics,  
University of Toronto  
Executive Director, National Cancer Institute  
of Canada

12:00 Noon  
**LUNCH**

1:00 p.m.

**GENE TRANSCRIPTION**

*CHAIR*

**Dr. James D. Friesen**

Professor of Medical Genetics

Chair, Banting & Best Department of  
Medical Research, University of Toronto

**TRIBUTE, Dr. Michael Smith**

Gairdner Foundation Award, 1986, Nobel  
Laureate 1993

**Dr. Anthony Pawson**

Senior Scientist, Samuel Lunenfeld Research  
Institute, Mount Sinai Hospital  
Professor, Department of Molecular and  
Medical Genetics, University of Toronto  
Toronto, Canada

1:15 p.m.

**Dr. Robert G. Roeder**

Gairdner Foundation Award, 2000  
Professor & Head, Laboratory of  
Biochemistry & Molecular Biology,  
The Rockefeller University, New York,  
New York, U.S.A.

*Mechanism and Regulation of Gene  
Transcription in Animal Cells*

Introduced by Dr. Jack Greenblatt  
Professor, Department of Biochemistry,  
University of Toronto

2:00 p.m.

**Dr. Roger D. Kornberg**

Gairdner Foundation Award, 2000  
Professor of Structural Biology  
Stanford University School of Medicine,  
Stanford, California, U.S.A.

*RNA Polymerase II Transcription:  
Mechanism and Regulation at  
Atomic Resolution*

Introduced by Dr. Ronald E. Pearlman  
Professor, Department of Biology  
Director, Core Molecular Biology Facility,  
York University, Toronto

2:45 p.m.

**Conclusion**

**Dr. John H. Dirks**

President, The Gairdner Foundation



# N INTERNATIONAL AWARDS

posium in Medical Science  
ces Building, University of Toronto

## Minds That Matter 2000 Public Forum

Friday, October 27, 2000 9:00 a.m. to 2:30 p.m.

Open Seating

9:00 am  
*Welcome and Opening*

**Dr. John H. Dirks**  
President, The Gairdner Foundation

**Dr. C. David Naylor**  
Dean, Faculty of Medicine,  
University of Toronto

9:05 a.m.  
**Address by the Honourable Allan Rock**  
Minister of Health, Canada

9:25 a.m.  
**THE CIRCULATION**

*CHAIR*  
**Dr. Eliot Phillipson**  
Chair, Department of Medicine,  
University of Toronto

**Dr. Jack Hirsh**  
Gairdner Foundation Award, 2000  
Director, Hamilton Civic Hospital  
Research Centre  
Professor Emeritus, McMaster University,  
Hamilton, Ontario

*Clinical Research: Interplay Between Basic  
Science, Clinical Knowledge and Clinical  
Epidemiology*

10:10 a.m.  
**BREAK**

10:30 a.m.  
*CHAIR*  
**Dr. Judith G. Hall**  
Professor, Department of Pediatrics,  
University of British Columbia, Vancouver,  
British Columbia

**Dr. Judah Folkman**  
Gairdner Foundation Award, 1992  
Julia Dyckman Andrus Professor  
of Pediatric Surgery,  
Harvard Medical School, Boston,  
Massachusetts, U.S.A.

*How are Specialties of Dermatology,  
Ophthalmology or Oncology etc. Connected by  
the Process of Angiogenesis?*

11:15 a.m.  
**THE BRAIN**

*CHAIR*  
**Dr. Albert J. Aguayo**  
Gairdner Foundation Award, 1988  
Director, Centre for Research in Neuroscience,  
McGill University, Montreal, Quebec

**Dr. Joseph B. Martin**  
Dean and Professor of Neurology  
Harvard Medical School, Boston,  
Massachusetts, U.S.A.  
Member, Gairdner Foundation Medical  
Advisory Board

*Current Advances in the Understanding  
of the Brain*

12:00 Noon  
**LUNCH**

1:30 p.m.  
**THE GENOME: BIOTECHNOLOGY  
AND SOCIETY**

*CO-CHAIRS*  
**Dr. Matthew Spence**  
President and CEO, Alberta Heritage  
Foundation for Medical Research  
Edmonton, Alberta

**Sir D. Keith Peters**  
Regius Professor of Physics,  
Cambridge University, Cambridge, U.K.

*INTRODUCTION:*  
**Sir D. Keith Peters**

1:40 p.m.  
**Dr. Sydney Brenner**  
Gairdner Foundation Award, 1978, 1991  
President, The Molecular Sciences Institute,  
Berkeley, California, U.S.A.

*The Theory of Molecular Evolution: The  
History of the Human Genome*

2:25 p.m.  
**Dr. Arthur Kornberg,**  
Nobel Laureate, 1959  
Gairdner Foundation Award, 1995  
Professor Emeritus, Department  
of Biochemistry,  
Stanford University School of Medicine,  
Stanford, California, U.S.A.

*Biotechnology: Impact on Academia, Industry  
and Society*

3:10 p.m.  
**Dr. Alan Bernstein**  
President, Canadian Institutes  
for Health Research  
Member, Gairdner Foundation  
Medical Advisory Board  
Ottawa, Ontario

*The Genetic Revolution and Its Impact on Our  
Health and our Health Care System*

3:55 p.m.  
**Conclusion**

Dr. Matthew Spence, Sir D. Keith Peters and  
Dr. John H. Dirks

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## IN MEMORIAM

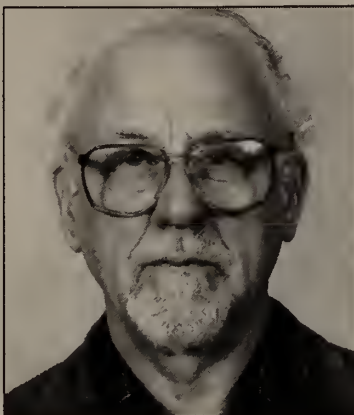
# Fawcett Combined Scientific Integrity With Social Activism

**P**ROFESSOR EMERITUS ERIC Fawcett of physics, a noted experimental research scientist and founding president of the Science for Peace movement, died Sept. 1 of cancer. He was 73 years old.

Fawcett was born and grew up in Lancashire, England, and attended Clare College, Cambridge, receiving his BA in 1951, MA in 1952 and PhD in 1954. As a graduate student Fawcett developed the technique of Cyclotron resonance spectroscopy in metals, a technique that is still in widespread use today and helped lay the foundation for the modern theory of metals. "From the outset of his career in physics, Eric was recognized

as a brilliant scientist," said Professor Henry van Driel, acting chair of physics. Following a successful period as a post-doctoral fellow at the National Research Council, Fawcett returned briefly to England before becoming a member of the technical staff at Bell Telephone Laboratories in New Jersey in 1961. He left Bell in 1970 to join U of T's department of physics as a full professor.

Working with post-doctoral fellows and graduate students, Fawcett continued to cement his reputation as an outstanding research scientist, focusing on the magnetic properties of metals, particularly chromium. Fawcett viewed



scientific research as a highly interactive discipline and participated in numerous collaborative research projects with colleagues in several

countries including Japan, Brazil and Russia. He was particularly interested in working with and assisting colleagues behind the Iron Curtain, efforts he felt would break down the barriers between scientists working under different political systems. As well he helped organize numerous conferences including a highly successful international conference on the properties of transition metals that brought more than 300 scientists from all over the world to Toronto in 1977.

Fawcett had a deep concern for humanity and the need to apply science to peaceful activities and was one of the pioneers of the Science

for Peace movement, serving as its first president from 1981 to 1984. This organization, which now has members in several countries worldwide, was particularly effective during the Cold War in helping to influence decision-makers in adopting policies reflecting a peaceful use of scientific research.

"Eric has been a significant role model for many of us as a scientist and a humanist who advocated academic excellence while actively promoting the use of science to benefit mankind in peaceful ways," van Driel said. "Eric's many friends, inside and outside the university, will sorely miss his dynamic presence."

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Department of Nutrition Sciences and Program in Food Safety  
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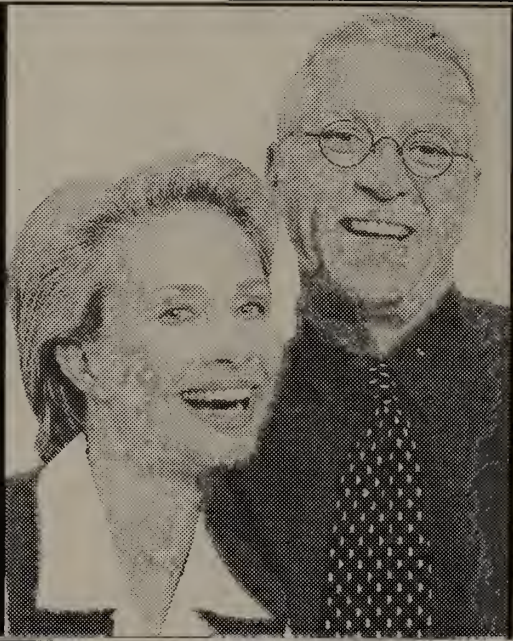
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## CHARISMA AND CONTRADICTIONS

*The legacy of Pierre Elliott Trudeau*

BY STEPHEN CLARKSON

IF REASON WERE OUR ONLY GUIDE (PASSION HAVING been banished as Pierre Trudeau once admonished us) how can we explain Canadians' recent outpouring of grief and regret for this man and his government, which were in so many ways a failure?

The short explanation is charisma. But this word begs a further set of questions. Did the charisma lie in his person? In the Canadian public? Or in their interaction?

If it takes two to tango, it takes a whole society plus a leader to charisma. Because charisma is a function of the interplay between the leader and the led, we need to understand the psychology of the connection between the object (him) and the subjects (us). We know that the first burst of Trudeauania 32 years ago exhibited the qualities that Max Weber first articulated. A mysterious, somewhat intriguing, powerfully attractive figure and a public with certain psychic and social needs created the conditions for a charismatic connection.

Canadians in 1968 were both full of hope and riven by angst. Pierre Trudeau was perceived as a Messiah who could lead them to the greatness that the centennial celebrations of 1967 had made them believe was theirs. And he was someone who could also deal with that threat to this destiny that Québécois separatism presented. Unlike the charismatic U.S. President John Kennedy or civil rights leader Martin Luther King, Trudeau was not martyred before being discredited. He continued to govern for a very long period, during which time he alienated almost every group in the public worthy of insult. Extraordinarily, the charismatic effect continued nonetheless.

Francophones as well as anglophones supported his vision in large enough numbers to re-elect him prime minister three more times after 1968. Until his terminal illness became public knowledge, focus groups kept reporting that he was the Canadian that most people would prefer to have dinner with (along with Wayne Gretzky). CTV acclaimed him in the final days of 1999 as the most exciting Canadian of the 20th century.

There are, of course, critics like Guy Laforest of Laval University, who see Trudeau as responsible for the "end of the Canadian dream." A core of responsible academic analysts — notably Ken McRoberts of York University — believe that, because of his stubborn insistence on individual rights and bilingualism and thanks to his unrelenting attacks on Quebec nationalists, he did more than anyone to create Canada's continuing crisis, which could leave the country broken following one more referendum.

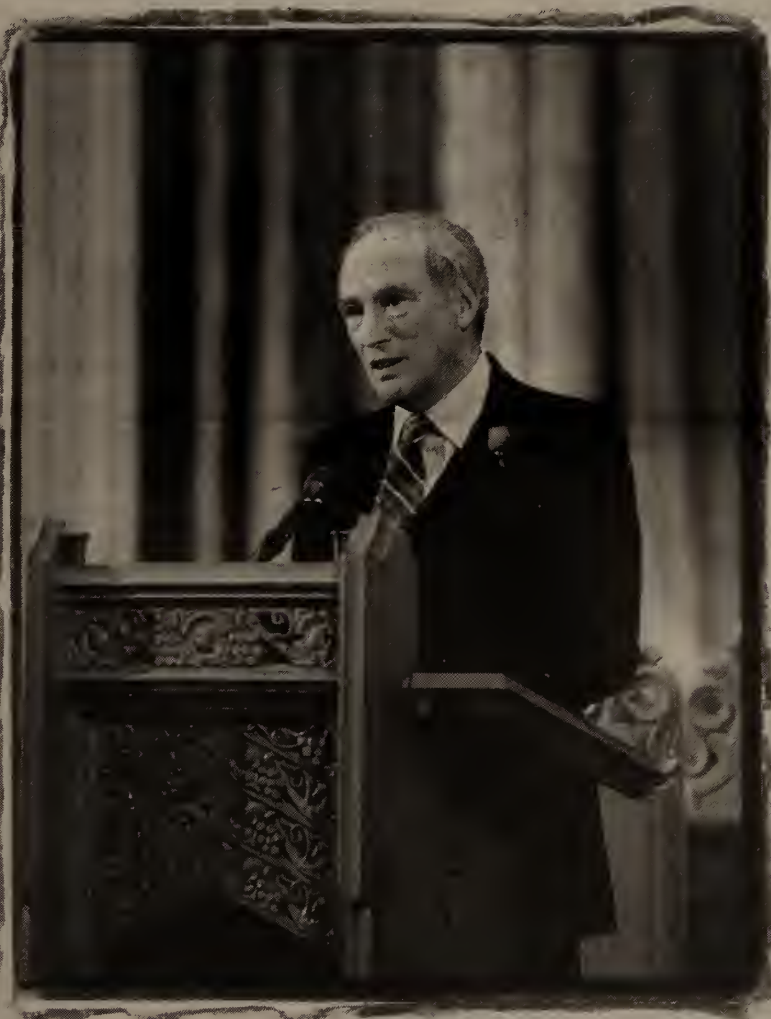
In his own province there are demonizers in abundance who find his very name a source of apoplexy. They demonstrated outside his house protesting the 20th anniversary of the War Measures Act. They made his appearance at the last rally of the 1995 referendum campaign a liability for the No side. There is still a feeling of betrayal, a sense that, if he had only been on the other side of the great debate, Quebecers would by now be independent. The resentment still burns at his stinging rebukes over the bad French they spoke, over their narrowness, their chauvinism.

All these emotions that well up in the Quebec nationalist breast attest to Trudeau's negative power in the Quebec imagination. This demonization does not negate his charismatic appeal. It confirms it for, if this man is such a source of anger, it is because his magic was feared.

Certainly he was magic for the generation that came to consciousness while he was prime minister. These are Trudeau's children for whom Canada was great because their prime minister had something special about him. He wasn't just sexy because he was dating Barbra Streisand or Margot Kidder or Liona Boyd; he was completely different from other politicians. He had a vision that many of them were brought up in. They were sent to be immersed in bilingual schools, bearing his example with them in their minds, travelling to the other culture in large numbers. Some started as idolizers and ended as demonizers, for in the end many of them also felt betrayed because all their efforts at learning the other language did not save Canada from coming to the brink.

And there is the still younger generation, those who came to political awareness when Trudeau was already history, replaced in power by Brian Mulroney and Jean Chrétien. For them Trudeau is virtual reality, someone seen on the screen in news clips or documentary movies, even in textbooks. My students in the past decade, who were toddlers when he left office, would flock to one of his regular book signings in the hope of catching sight of the man and, with luck, his signature scrawled on their copy.

In an amnesiac society whose access to its collective memory is blocked by the communications channels kept under Hollywood's control, he symbolizes for many their collective identity by proxy. Standing out in profile, the champion who could face down Ronald Reagan and Margaret Thatcher in debate about how best to deal with the Soviet Union, the man who "branded" Canada as a bilingual and multicultural society, the leader who told us that we could create a just, participatory society through a generous and activist state — he is the idealized model of what Canadians, at least English-speaking Canadians, like to think they are.



The question remains, why does he still fascinate us? Why, in other words, has there been political life for Pierre Trudeau after the political death that retirement from politics represents for most politicians?



The answer lies in something completely unique about the biography of Pierre Trudeau. Many is the idealistic intellectual who has ventured onto the political field only to come to grief. But young man Trudeau spent over a decade working out his ideas, clarifying his analysis, writing the script for his own star role. Having written that script, Trudeau entered politics and played the part, considering the camera angles, improvising on occasion, rewriting the lines when they no longer suited his purposes, but dominating the stage. This was highly unusual, putting him in the ranks of Winston Churchill and Charles de Gaulle as a figure who had thought, written and then been able to act in consequence.

But what makes Trudeau unique in modern politics is his postpartum sequel, his capacity to withdraw from politics while

remaining poised to re-enter and do battle for the ideas to which he clung. His interventions on the Meech Lake Accord turned the tide that eventually brought Mulroney's first constitutional deal to its knees in 1990. His single speech in an obscure Montreal restaurant two years later on the Charlottetown Accord immediately swayed 20 per cent of the vote outside Quebec against the deal.

In *The Essential Trudeau*, Ron Graham's selections from Trudeau's writings (published in 1998), what was interesting was less the conscious modelling on Pascal's *Pensées* (the grandiosity was not new), than the italicized postscripts the former prime minister inserted throughout the text as addenda and errata to his earlier statements. Here Trudeau was getting the last word once again, by selecting out the self-contradictory passages we were not meant to read, expanding on others and revising lines that he felt needed correcting. (His definition of democracy as government by majorities of 50 percent, for instance, got corrected in italics to make exceptions for some decisions — such as the next Quebec referendum? — which should be made by majorities greater than 50 per cent plus one vote.)

Thus he was the keeper of his own intellectual heritage. In newsrooms all over the English-speaking world, the obituary writers were kept on edge by his refusal to lie down and let their last draft be the final one.

Charisma is circular. We projected onto him our longings and our hope, but he remained the keeper of his faith, the maker of his image, the guardian of his orthodoxy. For 16 more years he remained charismatic because he still surprised, he still wielded moral power, he was still the one who defined his Truth.

The last question is, why is the present interest in his death far more intense than that of any other prime minister? In 1994, when Christina McCall and I published the second volume of our big study on Trudeau and his era, *The Heroic Delusion*, there was far more interest in Brian Mulroney's peccadillos, real or imagined, than in the achievements of his predecessor.

The present nostalgia and the revived interest in him may have more to do with the future than the past because of a deep transformation taking place in our political economy, one that is connected both to developments at home and changes abroad.

On the international scene we are experiencing a crisis in the world's political economy. If global financial markets are out of control and the nation-state is scrambling to reassert its authority over its economic frontiers, do we not need some notion of what that state should be? If this is the case, should we not turn back to the era during which the Canadian nation-state reached its highest level of development — that is, to the era that bears Trudeau's name?

Internally, too, there is a sense of crisis in the air, but this time the crisis is in the neo-liberal paradigm. The mean state — the one that takes un-

employment insurance premiums from workers and uses it to pay off the national debt, the one that cuts education budgets and then blames teachers for the crisis of the school system — is failing. Whether at the federal or provincial levels, the public can contrast neo-liberalism's rhetoric of progress and prosperity with the reality of emergency room delays and contaminated water systems. If a sullen electorate is reflecting these days with nostalgia on a nobler, more optimistic vision of society, this has something to do with the landmines that Pierre Trudeau and his colleagues had planted in Ottawa's culture and the Canadian psyche. By having defended the Canada Health Act to the end, they convinced Canadians that high quality public medical services were as central to their identity as was the canoe and bilingualism. To change one letter in the much plagiarized opening sentence from *Trudeau and Our Times* let me observe by way of warning and conclusion: "He daunts us still."

Stephen Clarkson is a professor of political economy at the University of Toronto, a Killam Research Fellow and fellow at the Woodrow Wilson Center in Washington. He is co-author with Christina McCall of *Trudeau and Our Times*, Vol. 1: The Magnificent Obsession and *Trudeau and Our Times*, Vol. 2: The Heroic Delusion.



## BOOKS



The following are books by U of T staff. Where there is multiple authorship or editorship, staff are indicated with an asterisk.

**Excavating Q: The History and Setting of the Sayings Gospel**, by John S. Kloppenborg Verbin (Fortress Press; 546 pages; \$48). This book offers a comprehensive introduction to the study of Q, the collection of Jesus' sayings long hypothesized as a source for the canonical gospels of Matthew and Luke. Part I deals with the methods for studying Q, their presuppositions and a survey of current research. Part II addresses more theological and theoretical issues relevant to the "synoptic problem," Q as a document, its redaction and its social setting.

**Lectures 1818-1819: On the History of Philosophy**, edited by J.R. de J. Jackson (Collected Works of Samuel Coleridge, Vol. 8, Princeton University Press; 2 vols, 1,030 pages; \$190 US). The lectures contain Coleridge's interpretation of the history of philosophy. He opposed the idea, widely accepted at the time, that the

philosophy of the Enlightenment had advanced by conquering religion. He believed that this view had doomed philosophy to the low esteem in which it was held in Britain and wanted to counter it by showing that the philosophy of the Enlightenment was largely derivative and that neither philosophy nor religion could stand alone. This series of lectures was his most systematic attempt to survey the relationship of philosophy to religion from Thales to Kant.

**Canadian Families, 1900-2000: A Bibliography**, by Benjamin Schlesinger (Canadian Scholars' Press Inc.; \$19.95). This partially annotated bibliography of 943 articles relating to Canadian families covers the period from 1900 to 2000. Items are organized into 50 topical headings and include articles, books, reports, surveys and other entries from published sources. Also included is a selection of relevant Web sites. An introductory essay highlights some of the major events relating to Canadian families during the period from 1964 to 2000. An author index allows for quick reference to specific bibliographic items.

### MODERNITY, PLURALITY AND EXCLUSION: SOCIAL PROBLEMS IN THE CONTEMPORARY CITY

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**OCTOBER 23-24, 2000**

**A conference held at  
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Nineteen faculty and graduate students from Humboldt University and Tel Aviv University together with faculty and graduate students from the Department of Sociology, University of Toronto, will present research in progress at the three universities. The workshop will address four themes: issues in urban sociology and the modern city; migration and multiculturalism; historical memory and national identities in the metropolis; and, feminist politics. Participants from Berlin and Tel Aviv include Irit Adler, Hanna Ayalon, Hans Bertram, Hagai Boas, Yinon Cohen, Klaus Eder, Yael Hashiloni, Hartmut Haussermann, Haim Hazan, Hanna Herzog, Cathleen Kantner, Andreas Kapphan, Noah Lewin-Epstein, Shoam Melamed, Hans-Peter Muller, Hildegard Maria Nickel, Anna Pelkner, Joachen Steinbecker, and Haya Stier.

**Sessions will begin at 9:30 am  
on Monday and Tuesday  
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Members of the university community  
and the public are cordially invited.  
For more information please contact  
**Michal Bodemann, 416 946 8961.**

## INSTALLATION OF PRINCIPAL DAVID BRUCE COOK

On the evening of Thursday, October 26, 2000, Professor David Bruce Cook will be installed as Principal of Victoria College. In this position he follows Professor William James Callahan, who became principal in 1991. Professor Cook was Vice-Provost of the University of Toronto, 1985 to 1994 and 1999-2000 and associate professor in the Division of Social Sciences at the University of Toronto at Scarborough. He now teaches in the Department of Political Science on the St. George Campus.

Principal Cook will deliver the installation address. The ceremony will take place in the Victoria College Chapel, at 8:00 p.m. All members of the University community are invited to attend.



Patrick S. Phillips



Mary Campbell



Maggy Stepanian

### Recognition for Outstanding Achievement Patrick Phillips Award for Staff Service University of Toronto at Scarborough

By Mary Campbell and Maggy Stepanian

An endowed Award was established in the name of Patrick S. Phillips, Director of Administration, when he retired in June 1999 from the University of Toronto at Scarborough. This Award was created to commemorate the outstanding legacy and leadership left by Phillips during his fifteen years of service at UTSC. It is awarded to a deserving Staff member who displays competence, commitment, courtesy, and concern for others routinely; who without fanfare or self-promotion contributes daily to the success of the College.

Phillips worked on the St. George campus for sixteen years before coming to UTSC in 1984. Previously he served as Director of the Office of Student Awards, Secretary to the Academic Discipline Tribunal, and as Executive Assistant to the Vice-President (Planning) and University Registrar. He was active in several professional associations, and chaired a number of national councils and committees on student financial aid.

When Phillips moved to UTSC he "was struck by the pride, the loyalty and commitment that people have to Scarborough Campus. Then there's the collegial, informal atmosphere, which I like" (Spectrum, 4:1, September 19, 1984; p2). He cared deeply about the quality of programmes and services at Scarborough College and championed many projects. Some of his achievements include the creation of N'Sheemaeh Child Care Centre, the RideSafer / the WalkSafer Programmes, the Phase III Residences, the Underground Parking/Garage, the Key, the Student Village Centre, the R-Wing Cafeteria renovation, and the Police Services Desk/Offices. He was also a strong advocate of AccessAbility Services.

The first Award was presented to Nick J. MacDonnell at the Annual Retirement Reception in June 2000. MacDonnell joined the University in 1968. He is presently the Superintendent of Building Services where his responsibilities include maintenance of the buildings, room bookings, and setting up the Meeting Place for special events. MacDonnell has always worked quietly and efficiently behind the scenes. For MacDonnell no job is too big or too small.

The Department of Fine Art announces  
*The Annual Peter H. Brieger Lecture*

Tuesday, October 17 at 5:30 p.m.

## Professor Anthony Grafton

Department of History, Princeton University

### *"Alberti on Collaboration"*

Koffler Institute for Pharmacy Management  
(entry from Bancroft Avenue)  
Auditorium, Room 108

*reception to follow*



# LETTERS



## LUSTE'S STATEMENTS FAR FROM REASSURING

I should like to congratulate President Robert Birgeneau on his part in the settlement of the long-standing dispute between Dr. Kin-Yip Chun and the University of Toronto. George Luste's letter indicated how difficult a settlement between Chun and the physics department has been (Chun agreement a mistake, Sept. 25).

While judgment of Chun's competence as a seismologist is beyond my (and Luste's) ability to judge, Luste's comparison of Birgeneau to Chamberlain and Chun to Hitler is subject to my judgment as a political scientist. I do not think Luste is entirely ignorant of politics — he would not have published his libellous statements against those who would be willing to use law as a weapon — but his statements will not reassure those of us who have been reluctant to think the physics department bigoted.

I am sure that Luste does not speak for the entire department and would welcome dissenting opinions from other members of the department. Surely the best way to demonstrate the absence of bias in the physics department would be for some to make Chun feel at home in the department and give him a chance to prove whether he is, or is not, as good a seismologist as the University of Toronto needs and competent judges of seismology can ascertain.

EDWARD ANDREW  
POLITICAL SCIENCE

## "RACE CARD" WARNING IRRELEVANT

George Luste's mean-spirited letter warns that we must not let anyone get a position by "playing the race card." This has no relevance to the appointment of Dr. Kin-Yip Chun who had been unfairly dealt with prior to 1994 — as all observers now agree — and who received restitution commensurate with the wrong he suffered. I write in comment on the ambient backlash that leads Professor Luste to feel entitled to impute free-loading to Dr. Chun.

It recalls a cartoon I saw in a feminist journal. The senior white male says to the younger black woman, "Doesn't it make you feel funny to know you owe your job to your sex and colour?" She replies, "You should know."

But of course Professor Luste and I can discuss this from a position of personal disinterest and impartially, can't we? There never were, when we got positions or honours, any women or minority candidates superior to us who were unfairly brushed aside, were there? Of course not. But how sure are we that we would have known it if there were?

CHANDLER DAVIS  
MATHEMATICS

## A WRONG HAS BEEN RIGHTED

I am surprised by the strong language used in George Luste's letter responding to the Chun settlement (Chun agreement a mistake, Sept. 25). As a close associate of Dr. Kin-Yip Chun for some time, I can assure Professor Luste that the prospect — very faint until just now — of "personal gain" could never have motivated Dr. Chun to engage in this struggle and the years of privation for himself and his family: the issues were quite other.

For those who haven't had to live with the sense that their speech and appearance made most around them see them as "different," "the race card" is a phrase easily used. While I haven't had that experience myself, I'm convinced that most of us, institutions and individuals alike, inescapably absorb majority prejudices early on. Seeing them operate in my own inner life, I can't doubt that they play a real part in human affairs. Denying that they do is not useful — for institutions as for persons, the unexamined life is not a worthwhile option.

The warnings implied in paragraphs one and three of Luste's letter, referring to "devastation" to younger colleagues and the consequences of the Munich pact, are left unclear. But this particular settlement has been reached on the basis of Dr. Cecil Yip's conclusion in the university's internal report that Dr. Chun had been "exploited," however it came about. There was a wrong there to be righted, and happily — after a long period during which Dr. Chun himself was certainly the major sufferer — this has now been done. It's surely time to thank Dr. Robert Birgeneau and all the negotiators, congratulate them on their good work and fix our attention on the tasks ahead.

JAY MACPHERSON  
VICTORIA COLLEGE

## CHUN AGREEMENT ABOUT EXPLOITATION

It appears that Julia Ching makes precisely the connection between the Chun agreement and racial discrimination that the members of the department of physics expected and feared when the details of the agreement were announced (Diversity hiring remains an issue, Sept. 25). Her confusion is understandable, given the administration's ineptness in the matter, though one might hope that an academic colleague — particularly in the department of philosophy — would be more thoughtful than the general public. However, as President Robert Birgeneau stated in his open letter to the university community in the Sept. 25 issue of *The Bulletin*, "...the allegations of racial

discrimination were decisively and conclusively dismissed..."; the agreement addresses solely the issue of exploitation.

Ironically the department of physics is currently the only university division that has been completely and publicly absolved of racism (by the Yip report, the Ontario Human Rights Commission and — very belatedly — by the administration). Perhaps that is the point that Professor Ching wishes to make!

ANTHONY KEY  
PHYSICS

## PLAYING THE "RACE CARD" GOES BOTH WAYS

Subsequent letters commenting on the story of the Chun agreement have shown that the physics department and others are not satisfied (U of T and Chun Reach Agreement, Sept. 11). Racism is a double-edged sword. Dr. Kin-Yip Chun is accused of it. Are others not equally guilty?

Is exploitation not a race card? Is sweatshop mentality not a race card? Is "old school tie" not a race card?

In this case ignorance is not bliss, especially at a great university. I applaud Dr. Robert Birgeneau for righting the wrong.

JOHN CHAU  
FORMER RESEARCH ASSOCIATE,  
PHYSICS

## U OF T MUST FOLLOW ESTABLISHED PRACTICE

As a member of the board of directors I write on behalf of the Society for Academic Freedom and Scholarship, a national organization dedicated to safeguarding freedom in teaching, research and scholarship and to maintaining standards of excellence in academic decisions about students and faculty.

According to President Robert Birgeneau's open letter (*The Bulletin*, Sept. 25), Dr. Kin-Yip Chun has been appointed as a research associate in the department of physics with adjunct associate professor status. Under the terms of the appointment, Dr. Chun's research will be reviewed in four years at which time he will be reappointed without term if he has published four papers of unspecified length and quality.

While we appreciate the university's desire to settle its long-standing dispute with Dr. Chun as amicably as possible and while we sympathize with Dr. Chun, whom the university acknowledges having exploited during his earlier employment as a research scientist, we are nevertheless concerned about the manner in which this academic appointment has been made and its implications for Canadian universities generally. Specifically, we are concerned that

the academic position to which Dr. Chun was appointed was not advertised, that no short list of suitable candidates was interviewed, that the appointment was not made by an appointments committee consisting of members of the physics department and that reappointment without term has been made dependent on the fulfilment of conditions other than those normally applied in reaching reappointment/tenure decisions.

Had Dr. Chun been denied reappointment as a research scientist or had he been denied appointment to any of the four tenure-stream professorial positions for which he applied, either because of racism or owing to some irregularity of procedure, it would only be fitting and proper to award him a position equivalent, if not in all points identical, to the one unjustly denied him. In point of fact, however, President Birgeneau affirms that "there was no evidence of racial discrimination in the searches ... conducted by the physics department." Since there is no evidence that Dr. Chun was the victim of any other unfair hiring or reappointment decision either, the fact that normal academic procedures for hiring and reappointment have not been followed in this case represents an unacceptable breach of the merit principle in academic appointments. By stating that racial discrimination had not occurred, yet providing compensation as if it had, the university has acted in a way that could inflict severe damage on the reputation of its physics department.

As Canada's leading institution of higher learning, the University of Toronto must follow, and be seen to follow, established academic practice in the area of appointments/reappointments, including advertisement of all positions, selection and interviewing of short-listed candidates by a departmental appointments committee and a final ranking based solely on merit, without the intrusion of extra-academic considerations or ad hoc modifications of the normal criteria for reappointment with or without term.

MURRAY MILES  
BROCK UNIVERSITY  
SOCIETY FOR ACADEMIC FREEDOM  
AND SCHOLARSHIP

## NOTE REGARDING EVIDENCE OMITTED

I agree with only one of the points made by Bruce Kidd in his letter (Fanning the flames of protest, Sept. 25). The faculty and staff at the University of New South Wales Centre for Olympic Studies were indeed welcoming and supportive hosts and on numerous occasions I publicly expressed my appreciation for the opportunity the centre provided for me to

complete the research for my second book on the Olympic industry, which will focus on Sydney 2000. Nothing in my article suggested otherwise (Five Ring Circus, Sept. 11).

A documented Australian example of the threat to academic freedom posed by the Olympic industry is presented in my first book, *Inside the Olympic Industry: Power, Politics and Activism* (SUNY, 2000). My original submission to *The Bulletin* included a note referring readers to the book which, I explained, "provides more detailed evidence in support of the arguments presented here." Unfortunately, this note was omitted from the published version.

HELEN JEFFERSON LENSKEY  
OISE/UT

## PENSION FIGURES "MIND-BOGGLING"

My impression is that only a few of my academic colleagues realize how badly our U of T pension plan has been treating us relative to other major universities.

If I were a retiring academic at the University of British Columbia (or at McGill, or at the University of Western Ontario or at most any university in the U.S.) with the same career salary and the same number of years of service as here, my UBC pension today would be about double what it is at the University of Toronto. This translates into hundreds of thousands of dollars of reduced total compensation per average academic retiree at our institution.

The numbers are truly mind-boggling. In looking at the pension plan actuarial reports over the past 13 years, the data show that if our plan had been similar to that at UBC (a defined contribution pension plan), there would be approximately \$1,500 million (yes, \$1.5 billion) in additional pension benefits available for the members of a U of T pension plan. This is a staggering number. To put the 1.5 billion into perspective, the current total annual salary base for the 6,100 non-retired members in the U of T pension plan is about \$370 million per year. And relative to the 1.5 billion, the current total annual pension plan payout to the 3,400 retirees is only about \$65 million per year.

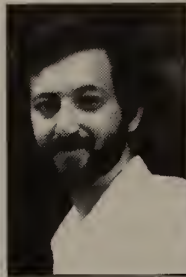
How did we ever allow ourselves to get so out of step with the rest of the academic world? Why did our senior administrators not correct matters long ago? And what about the hiring of new faculty? Given the competitive aspect of attracting the best candidates, would they really come to U of T if they knew about our record on pensions?

GEORGE LUSTE  
PHYSICS



## Reflections on an Ethical Society

A must-attend, unique event, featuring the brightest minds in our midst, focusing on the relevant issues of the day.



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Mary Lou Finlay — CBC Radio's "As It Happens"

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The Raymond and Beverly Sackler  
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Canadian Institute for Theoretical Astrophysics

## THE DISCOVERY OF THE EXPANDING UNIVERSE

JIM PEEBLES

Albert Einstein Professor of Science  
Princeton University

"The evidence is that our universe has not always been the way it is now: it is expanding, from a much hotter, denser state. I will describe how people hit on this remarkable concept and have gone about checking it. The picture is far from complete: we can't say for sure why the universe is expanding, or how it will end. I will comment briefly on attempts to fill in these 'details'."

Professor Peebles, the most famous Canadian astrophysicist, is the first recipient of the Gruber Award in Cosmology (2000).

FREE ADMISSION

WEDNESDAY, OCTOBER 25, 2000

7:00 P.M.

Koffler Institute, Room 108

569 Spadina Avenue (East Entrance)



## SECOND ANNUAL S.D. CLARK LECTURE IN SOCIOLOGY UNIVERSITY OF TORONTO

## The Great Globalisation Debate



ANTHONY GIDDENS

Director,  
London School of Economics

Wednesday, October 25th, 2000  
7:30 p.m.

MacMillan Theatre  
Edward Johnson Building, Faculty of Music  
80 Queen's Park

For more information, call 416-978-1194

## UoT Staff and Faculty:

## IF YOU SUFFER FROM FOOT, KNEE, HIP OR BACK PAIN

## YOU MAY BENEFIT FROM CUSTOM MADE SHOES & FOOT ORTHOTICS

As with any architectural structure, if the foundation is not stable then the structures above can suffer. This applies to your feet, the foundation of your body. Abnormal alignment at the feet can not only cause foot problems but may also affect the knees, hips and back. This is where Orthotics can help!!

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A classified ad costs \$15 for up to 35 words and \$.50 for each additional word (maximum 70). Your phone number counts as one word, but the components of your address will each be counted as a word, e-mail addresses count as two words. A cheque or money order payable to **University of Toronto** must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to **Acting Advertising Manager, Department of Public Affairs, 21 King's College Circle, Toronto, Ontario M5S 3J3.** Ads will not be accepted over the phone. To receive a tearsheet and/or receipt please include a stamped self-addressed envelope. For more information please call (416) 978-2106 or e-mail [rachel.naipaul@utoronto.ca](mailto:rachel.naipaul@utoronto.ca).

## ACCOMMODATION RENTALS AVAILABLE — METRO & AREA —

**Housing for new faculty.** The university has a faculty housing program for new faculty. There is one apartment available for November — a newly renovated 2-bedroom unit, on Spadina Avenue. \$1,300/month. Parking extra charge. Please call the Real Estate Department at 946-5671, or email: [newfaculty.realestate@utoronto.ca](mailto:newfaculty.realestate@utoronto.ca)

**FOR RENT: Furnished renovated Victorian townhouse** in downtown Toronto. February 2001 — February 2002 OR July 2001 — July 2002, dates negotiable. Close to universities, hospitals, entertainment, transportation and shopping. Open living and dining room, large kitchen, 3 bedrooms, den, 2 bathrooms, CAC, deck, patio and garden. No smokers or pets. \$2,000 + utilities. [mb.planck@utoronto.ca](mailto:mb.planck@utoronto.ca) OR call (416) 593-8792.

**Annex — 10-minute walk to U of T.** 3-bedroom upper duplex, 2 bathrooms, 2 decks. Quiet, completely furnished. Available January 1 — June 30, 2001. \$1,800 + utilities. Tel: 924-6057.

**Bathurst/Eglinton.** Furnished 4-bedroom home. Large kitchen, large family room, 2 full bathrooms, study, central air. Garden, garage, steps to TTC. \$2,300 including partial utilities. January for 1 year/longer. (416) 783-2239. E-mail: [sfisher373@aol.com](mailto:sfisher373@aol.com)

**Manulife Centre, Bay/Bloor,** most desirable location, walking distance to U of T. Furnished 1-bedroom, available December 1 — June 1, 2001. Suitable for visiting single professor or postgraduate. Non-smoker, no pets. Inquiries: (416) 921-6750, evenings (905) 649-5960; fax (416) 425-8057. References required.

**A bright furnished room** in a quiet Victorian house to let by the week (\$250) or month (\$700) overlooking garden. Enjoy a friendly, diverse neighbourhood, 15 minutes to university by streetcar and close to centre. All amenities included. (416) 406-9946. [kmisak@tfs.on.ca](mailto:kmisak@tfs.on.ca)

**High Park** elegantly furnished 3-storey, detached Victorian home, fully equipped. 2 baths, 3rd floor master bedroom with deck, jacuzzi, 2 fireplaces, parking, laundry, cable, etc. December 1 — April 1, 2001. \$1,400 inclusive. (416) 534-0293.

**St. Clair/Old Weston Rd.** Renovated 2-bedroom house. Excellent condition, furnished basement with kitchenette, 7 appliances, patio, garden, 2-car parking, A/C, 2 washrooms. Close to TTC and amenities. \$1,200+. December 1. (416) 504-0473.

**Available January — June 2001.** Beautifully restored 3-storey century-old home. Minutes walk to U of T campus (Bloor/Bathurst area). Fully furnished, 5 appliances. (416) 532-1907 or e-mail: [dcheckla@acs.ryerson.ca](mailto:dcheckla@acs.ryerson.ca)

**New unfurnished duplex:** Coxwell and Gerrard, 2-bedrooms. Available November 1. No pets, no smoking. \$1,200 (parking and utilities included). (416) 466-1606.

**Hazleton Lanes:** Furnished 2-bedroom

condo. Available immediately. No pets, no smoking. \$4,000/month. (416) 466-1606.

**Pied à terre in Toronto.** Room in beautifully restored Victorian house. Near TTC. \$35/night. Tel: (416) 534-1956. E-mail: [rostow@chass.utoronto.ca](mailto:rostow@chass.utoronto.ca)

**Short-term rental, November — December 2000.** Beautiful, quiet, furnished 3-bedroom home. Danforth area. Ideal residence for a visiting scholar or retreat for a graduate student needing to complete a thesis. Rent: negotiable. Alan: (416) 406-5098.

**Pleasant and sunny, good size** 1-bedroom apartment on 2nd floor, newly renovated bathroom. Dundas/Dufferin, suits single. \$850 including utilities. Close to TTC, Lakeshore. Non-smoker. 1st and last required. November 1st. Call Claire at: (416) 538-5666/e-mail [claire@ecf.utoronto.ca](mailto:claire@ecf.utoronto.ca)

**Apartment for rent, near Bathurst/St. Clair.** Separate entrance, brand new kitchen, new laundry room, fireplace, parking. Heat and hydro inclusive, \$750. One block from TTC. Congenial family neighbourhood. Treed property. (416) 653-5082.

**Furnished 1-bedroom apartment** in centennial house, on Brunswick Ave. north of Bloor. Shared entrance. Own living room and kitchen. Suited for quiet, mature, non-smoker, gay-positive male preferred. \$700, available November 20. (416) 920-3753.

**Annex — furnished, lower level, 1 bedroom.** Separate entrance. Hydro & Cable included. \$1,050/month or \$1,250/month with housekeeping. Available now until July 31, 2001. Call: (416) 923-1555. Single, non-smokers please.

**FOR RENT: January 1 to mid-May.** Unique, renovated detached cottage on dead-end street, facing park, downtown Toronto. 10-minute walk to university campus. 2 bedrooms, 2 bathrooms, parking, grand piano. Cable, subway, good neighbourhood. Non-smoker preferred. \$1,900/month. (416) 925-9617/e-mail: [npratt@interlog.com](mailto:npratt@interlog.com)

**Furnished Bachelor** apartment available. November — April. Bloor West area, walk to Runnymede subway. Lower level in quiet, private home. Separate entrance. Comfortably furnished with fully equipped kitchen, queen size bed, TV. (416) 604-1476.

**Attractive 1 bedroom,** furnished flat in Queen West, Victorian row cottage. Suitable for single professional/sabbatical/graduate student. Quiet. Close to transit, shopping. No smoking. References. 1st and last. \$650/month inclusive. Available November 1 /negotiable. (416) 539-9178.

## ACCOMMODATION RENTALS REQUIRED

**Central.** Clinical Fellow and family seek 3-bedroom or 2-bedroom plus den townhouse/condo, near subway line or children's hospital, for 7 months beginning December. We are quiet, clean and meticulous. 1-(604) 720-6155/e-mail: [ang@vanhosp.bc.ca](mailto:ang@vanhosp.bc.ca)

**Chinese medical doctor,** husband and son, 5, recent immigrants, seek living situation: reduced rent in exchange for light duties, companionship, etc. Start December or January 1. (416) 920-6081.

## ACCOMMODATION SHARED

**Professor's Victorian house,** Spadina near Willcocks. Fully furnished with antiques. 2 Fireplaces, hardwood floors, backyard, all appliances. Kitchen and bath shared with semi-absent owner. Available December 15 through May. \$900/month, parking extra. (416) 920-8645 or e-mail: [mwinsor@chass.utoronto.ca](mailto:mwinsor@chass.utoronto.ca)

**Share large, executive** condominium with male composer/teacher, non-smoker. Two bathrooms, walk to university, Yorkville and subway. \$850/month. References. Available immediately. For information call (416) 716-3304 between 10 a.m. and 7 p.m. Email: [jjinnah@sympatico.ca](mailto:jjinnah@sympatico.ca)

## BED & BREAKFAST

**\$27/\$36/\$45 per night single/double/apartment,** Annex, 600 metres to Robarts, 7-night minimum, free private phone line, voicemail, VCR. No breakfast but share new kitchen, free laundry, free cable Internet. Sorry, no smoking or pets. Quiet and civilized, run by academic couple. <http://members.home.net/5201or73231.16@compuserve.com> or (416) 200-4037

## ACCOMMODATION OUT OF TOWN

**Beautiful Muskoka Cottage on Sunny Lake.** 1½ hours north of Toronto, near Gravenhurst. 3 bedrooms, 1,800 square ft., completely winterized. Week-end/week-long/month-long/get-aways/year-round. Reserve now for Xmas/New Year's holiday. Call: (416) 782-4530.

## HOUSES & PROPERTIES FOR SALE

**Annex beauty:** detached, ivy adorned, single or multi-family, fireplace, garage, hardwood floors. (416) 530-4548

## HEALTH SERVICES

**PERSONAL COUNSELLING** in a caring, confidential environment. U of T extended health benefits provide excellent coverage. Evening appointments available. Dr. Ellen Greenberg, Registered Psychologist, Medical Arts Building, 170 St. George Street. (416) 944-3799.

**INDIVIDUAL AND COUPLE THERAPY.** Experienced in psychotherapy for anxiety, depression and relationship problems. Coverage under staff and faculty benefits. Dr. Gale Bildfell, Registered Psychologist, 114 Maitland Street (Wellesley & Jarvis). 972-6789.

**Individual psychotherapy for adults.** Evening hours available. Extended benefits coverage for U of T staff. Dr. Paula Gardner, Registered Psychologist, 114 Maitland Street (Wellesley and Jarvis). 469-6317.

**PSYCHOANALYTIC PSYCHOTHERAPY** with a Registered Psychologist. Dr. June Higgins, Medical Arts Building, 170 St. George Street (Bloor and St. George). (416) 928-3460.

**Dr. Gina Fisher, Registered Psychologist.** Psychotherapy for depression, anxiety, relationship problems, stress, gay/lesbian issues, women's issues. U of T extended health benefits apply. Evening appointments available. The Medical Arts Building (St. George and Bloor). (416) 961-8962.

**Dr. Dvora Trachtenberg, Registered Psychologist.** Individual, couple, marital psychotherapy for depression; anxiety, work, family, relationship problems; sexual orientation, women's issues. U of T health benefits apply. Day or evening appointments. Medical Arts Building (St. George and Bloor). (416) 961-8962.

**Psychologist providing individual and couple therapy.** Work stress, anxiety, depression, personal and relationship concerns. U of T health plan covers cost. Dr. Sarah Maddocks, Registered Psychologist, 114 Maitland Street (Wellesley & Jarvis). 972-1935 ext. 3321.

**Dr. Martin Antony (Psychologist) & Associates.** Practising in assessment and short-term, cognitive-behavioural treatment of anxiety and mood problems, including: fears/phobias, social and performance anxiety, panic attacks, agoraphobia, chronic worry/stress, obsessions/compulsions, and depression/low self-esteem. U of T staff extended health care benefits provide full coverage. Daytime, evening and weekend appointments available. Medical Arts Building (St. George and Bloor). (416) 994-9722.

**Psychotherapy for personal and relationship issues.** Individual, group and couple therapy. U of T extended health plan provides coverage. For a consultation call Dr. Heather A. White, Psychologist, 535-9432, 140 Albany Avenue (Bathurst/Bloor).

**Individual, couple, adolescent** and inter-generational psychotherapy for relationship, depression, anger, anxiety, stress, self-esteem, mid-life/career issues. U of T extended benefits coverage. Dr. Will Cupchik, Registered Psychologist, 250 St. Clair Ave. West. (416) 928-2262.

**Psychotherapy and counselling** focused on helping you understand yourself, your relationships and your problems. Adults: individuals and couples. Dr. Evelyn Sommers, Psychologist. (416) 413-1098. (Yonge/Bloor.)

**FAMILY MEDIATION:** A co-operative process that enables separating couples to develop their own solutions to issues such as custody and support. The reduced conflict has immediate and long-lasting benefit for all parties. Peggy O'Leary, M.Ed., C.Psych. Assoc. 324-9444.

**INDIVIDUAL & COUPLE COUNSELING.** Dr. Joan Hulbert, Registered Psychologist. 55 Eglinton Avenue East, (Yonge/Eglinton). Evening appointments available. Please feel free to call with inquiries. (416) 544-8228. Please leave a message if I'm not available.

**Dr. S. Camenietzki, located at Yonge & St. Clair.** Provides individual, group and marital sessions. Assessments available. Call 929-7480.

**Psychotherapy** responsive to your individual needs for personal, relational and spiritual growth. Services may be eligible for employee health insurance coverage and/or income tax deduction. Dr. Carol Musselman,

Registered Psychologist, 251 Davenport Road, 925-7855.

**Full range of psychological services** offered by Dr. K. P. Simmons. Call (416) 920-5303 if troubled by trauma, anxiety, depression, phobia or relationship issues. Location: 170 St. George Street, Suite 409 — Medical Arts Building.

**Electrolysis, facials, registered massage therapy** (50% off 1st TRT). Men & women. The only safe, proven method of permanent hair removal. Introductory offer, packages available. Lowest prices downtown. Bay Street Clinic: 1033 Bay, #322, 921-1357; Medical Arts Building, 170 St. George, #700, 924-2355.

**MASSAGE** for aches, pains and stress. 31 years' experience. I will bill Liberty Health for the full cost. Kids need massage too. St. George/Bloor. Ann Ruebottom, B.A., R.M.T. (416) 960-1768.

**REGISTERED MASSAGE THERAPY.** For relief of muscle tension, chronic pain and stress. Treatments are part of your extended health care plan. 170 St. George Street (at Bloor). For appointment call Mindy Hsu, B.A., R.M.T. (416) 918-8476.

**CHIROPRACTIC AND MASSAGE THERAPY** at the Allan Gardens Wellness Centre for pain relief, rehabilitation and wellness care. Massage therapy is covered by your U of T healthcare plan; chiropractic has partial OHIP coverage. Extended hours Monday to Friday. Carlton/Jarvis (near College subway). Contact Dr. Jennifer Yeung, Chiropractor OR Kristina Nemet, Registered Massage Therapist, at (416) 944-2973.

## MISCELLANY

**TRAVEL-teach English.** 5-day/40-hour TESOL teacher certification course, Toronto October 18—22 (or by correspondence). 1,000s of jobs available NOW. FREE information package. Toll free 1-888-270-2941.

**ART OF LIVING COURSE.** Improve your perception, observation and expression! Simple, profound yogic practices for stress release and well-being. Manage your mind and emotions better. Increase your energy, clarity and focus! 20 hour course, ongoing support group. Etobicoke: November 2 — 7, Toronto: November 16 — 22. Call (416) 960-0376. See: [www.artofliving.org](http://www.artofliving.org)

**English conversation partners wanted!** Minds & Technologies, the Internet's most innovative language learning company, needs native-English speakers to exchange voice messages via Internet w/learners overseas using their PC. Earn airline miles, make friends! Contact: [peramo@mindstech.com](mailto:peramo@mindstech.com)

**Single Parent Students —** Join the Woodsworth College Single Parents' Support Group. We meet every few weeks to relax, share ideas and have lunch. Now in our sixth year! For details, call June Straker at (416) 978-5521.

**10 or more headaches/month?** 18 — 50 years & in good general health? You may be eligible for a study involving chiropractic treatment & medication at no cost. Call the Canadian Chiropractic Memorial College: (416) 640-6081.



# EVENTS



## LECTURES

### Alberti on Collaboration.

**TUESDAY, OCTOBER 17**  
Prof. Anthony Grafton, Princeton University; annual Peter H. Brieger lecture. 108 Koffler Institute for Pharmacy Management. 5:30 p.m. *Fine Art*

### Current Issues in Consent: Implications for Psychological Practice.

**WEDNESDAY, OCTOBER 18**  
Rick Morris, College of Psychologists. 7-162 OISE/UT, 252 Bloor St. W. Noon to 1:30 p.m. *Adult Education, Community Development & Counselling Psychology, OISE/UT*

### La venexiana: A Venetian Play of the Renaissance.

**THURSDAY, OCTOBER 19**  
Prof. Giulio Lepschy, Universities of Reading and London; Emilio Goggio Visiting Professor in Italian Studies. Charbonnel Lounge, Elmsley Hall, St. Michael's College. 4 p.m. *Italian Studies*

### Eamon de Valera at the Millennium: Myths and Realities.

**THURSDAY, OCTOBER 19**  
Prof. Joseph Lee, University College Cork. Charbonnel Lounge, Elmsley Hall, St. Michael's College. 6 p.m. *Celtic Studies*

### The Fig Leaf and the Middle Kingdom: China and Sovereignty.

**FRIDAY, OCTOBER 20**  
Prof. Jeremy Paltiel, Carleton University. 108N Munk Centre for International Studies. 3 to 5 p.m. *Joint Centre for Asia Pacific Studies*

### Wild Salmon, Escaped Farmed Salmon and a Conservation Imperative.

**SUNDAY, OCTOBER 22**  
Frederick Whoriskey, Jr., Atlantic Salmon Federation, St. Andrews, N.B. Auditorium, Medical Sciences Building. 3 p.m. *Royal Canadian Institute*

### Cyprus and the European Union: New Prospects and Challenges.

**TUESDAY, OCTOBER 24**  
Erato Kozakou-Marcoullis, high commissioner of Cyprus to Canada; in conjunction with the 40th anniversary of the independence of the Republic of Cyprus. Sheraton Hall, Wycliffe College. 3:30 to 5 p.m. *York-U of T Institute of European Studies*

### God and the Embarrassment of Meanings.

**TUESDAY, OCTOBER 24**  
Prof. Susan Felch, Calvin College, Michigan. Senior Common Room, Burwash Hall, Victoria College. 4 p.m.

### Of Birds, Figs and Sexual Identity in the Renaissance or the Master of the Horse's Boy Bride.

**TUESDAY, OCTOBER 24**  
Prof. Guido Ruggiero, Pennsylvania State University. 113 Northrop Frye Hall, Victoria College. 4:15 p.m. *Reformation & Renaissance Studies*

### The Ambiguity of Homelessness.

**TUESDAY, OCTOBER 24**  
Rabbi Dow Marmur, Holy Blossom Temple; first of three Larkin Stuart lectures on Faith in the New Millennium: Jewish Perspectives. George Ignatieff Theatre, 15 Devonshire Place. 8 p.m. *Trinity College and St. Thomas's Anglican Church*

Theatre, 15 Devonshire Place. 8 p.m. *Trinity College and St. Thomas's Anglican Church*

### The Olympics and the University: Making the Links.

**WEDNESDAY, OCTOBER 25**  
Prof. Helen Lenskyj, sociology and equity studies in education, OISE/UT. 12th floor, Ontario Institute for Studies in Education of the University of Toronto, 252 Bloor St. W. 1 to 3 p.m. *Sociology & Equity Studies in Education, OISE/UT*

### The Discovery of the Expanding Universe.

**WEDNESDAY, OCTOBER 25**  
Prof. Jim Peebles, Princeton University; Raymond & Beverly Sackler visiting astrophysicist, CITA. 108 Koffler Institute for Pharmacy Management. 7 p.m. *Canadian Institute for Theoretical Astrophysics*

### The Great Globalization Debate.

**WEDNESDAY, OCTOBER 25**  
Anthony Giddens, director, London School of Economics & Political Science; S.D. Clark lecture. MacMillan Theatre, Edward Johnson Building. 7:30 p.m. *Sociology and Arts & Science*

### Inside the Place of Poetry: Sacred Space.

**WEDNESDAY, OCTOBER 25**  
Prof. Julia Reibetanz, English. Chapel, Newman Centre, 89 St. George St. 7:30 p.m. *Newman Centre, Regis College and the Basilian Fathers of Toronto*

### The Opportunity for Holiness.

**WEDNESDAY, OCTOBER 25**  
Rabbi Dow Marmur, Holy Blossom Temple; second of three Larkin Stuart lectures on Faith in the New Millennium: Jewish Perspectives. George Ignatieff Theatre, 15 Devonshire Place. 8 p.m. *Trinity College and St. Thomas's Anglican Church*

### A Portrait of a Medici Maecenas: Giulio de' Medici (Pope Clement VII) as Patron of Art.

**THURSDAY, OCTOBER 26**  
Prof. Sheryl Reiss, Cornell University. 113 Northrop Frye Hall. 4:15 p.m. *Reformation & Renaissance Studies, Fine Art and Toronto Renaissance & Reformation Colloquium*

### Vocation or Vacation: The Christian Mind in the 21st Century.

**THURSDAY, OCTOBER 26**  
Prof. Susan Felch, Calvin College, Michigan. Wycliffe College. 7:30 p.m.

### Hopes and Fears of Post-Liberal Theology: Frei, Lindbeck, Thiemann and Placher.

**THURSDAY, OCTOBER 26**  
Prof. Lee Barrett, III, Lancaster Theological Seminary, Pennsylvania. 3 Knox College. 7:30 p.m. *Trinity and Knox Colleges*

### The Delivery of Meteorites: Chaos in the Solar System.

**THURSDAY, OCTOBER 26**  
Prof. Norman Murry, Canadian Institute for Theoretical Astrophysics. 102 McLennan Physical Laboratories. 8 p.m. *Geology, Arts & Science and Meteorites and Impacts Advisory Committee to the Canadian Space Agency*

### The Hope of Happiness.

**THURSDAY, OCTOBER 26**  
Rabbi Dow Marmur, Holy Blossom Temple; final Larkin Stuart lecture on Faith in the New Millennium: Jewish Perspectives. George Ignatieff Theatre, 15 Devonshire Place. 8 p.m. *Trinity College and St. Thomas's Anglican Church*

### In the Chorus of Others: Mikhail Bakhtin's Sense of Tradition.

**FRIDAY, OCTOBER 27**  
Prof. Susan Felch, Calvin College, Michigan. 14045 Robarts Library. 10:30 a.m.

### Representing Canada in China and India.

**FRIDAY, OCTOBER 27**  
Don Waterfall, former deputy ambassador, China & Canadian High Commissioner, India. 108N Munk Centre for International Studies. 3 to 5 p.m. *Joint Centre for Asia Pacific Studies and David Chu Program in Asia Pacific Studies*

### Kierkegaard's Non-Foundational Account of Human Nature.

**FRIDAY, OCTOBER 27**  
Prof. Lee Barrett, III, Lancaster Theological Seminary, Pennsylvania. Junior Common Room, Trinity College. 7:30 p.m. *Kierkegaard Circle*

### The Global Village Is a Myth.

**SUNDAY, OCTOBER 29**  
Paul Hoffert, Digital Media Institute. Auditorium, Medical Sciences Building. 3 p.m. *Royal Canadian Institute*

### Perspectives in Supramolecular Chemistry: From Molecular Recognition Towards Self-Organization, Part 1.

**MONDAY, OCTOBER 30**  
Prof. Jean-Marie Lehn, Université Louis Pasteur, Strasbourg; first of three Gordon lectures. 162 Lash Miller Chemical Laboratories. 2 p.m. *Chemistry*

### Perspectives in Supramolecular Chemistry: From Molecular Recognition Towards Self-Organization, Part 2.

**MONDAY, OCTOBER 30**  
Prof. Jean-Marie Lehn, Université Louis Pasteur, Strasbourg; second of three Gordon lectures. 162 Lash Miller Chemical Laboratories. 5 p.m. *Chemistry*

### Dynamic Combinatorial Chemistry, Concepts and Implementation.

**TUESDAY, OCTOBER 31**  
Prof. Jean-Marie Lehn, Université Louis Pasteur, Strasbourg; final Gordon lecture. 162 Lash Miller Chemical Laboratories. 4 p.m. *Chemistry*

## COLLOQUIA

### Algorithms for Congestion Control, Data Distribution and Multicast on the Internet.

**TUESDAY, OCTOBER 17**  
Prof. Richard Karp, University of Washington. 1105 Sandford Fleming Building. 11 a.m. *Computer Science*

### Propertius and a Matter of Books.

**TUESDAY, OCTOBER 17**  
Prof. James Butrica, Memorial University. 144 University College. 4:10 p.m. *Classics*

### Alexis Carrel and Innovation in Modern Surgery.

**WEDNESDAY, OCTOBER 18**  
Shelley McKellar, visiting research fellow, Institute for the History & Philosophy of Science & Technology. 323 Old Victoria College. 4 p.m. *IHPST*

### Ethical Issues in Research on Gambling.

**THURSDAY, OCTOBER 19**  
Dr. Martin Zack, Centre for Addiction & Mental Health; ethics discussion series. Meeting Centre, 33 Russell St. 1 p.m. *Addiction & Mental Health*

### Causation is Dependence.

**THURSDAY, OCTOBER 19**

Prof. Stephen Yablo, Massachusetts Institute of Technology. 179 University College. 4 p.m. *Philosophy*

### Role of Pten, a Tumour Suppressor, in Neural Injury.

**THURSDAY, OCTOBER 19**  
Dr. Qi Wan, Toronto Western Research Institute. 3231 Medical Sciences Building. 4 p.m. *Physiology*

### Gravity Probe B: Testing General Relativity With Orbiting Gyroscopes.

**THURSDAY, OCTOBER 19**  
Prof. Norbert Bartel, York University. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

### Water to Wine Veneration by Byzantine and Crusader Pilgrims at Khirbet Cana.

**FRIDAY, OCTOBER 20**  
Prof. Peter Richardson, study of religion. 123 St. George St. 1:10 p.m. *Study of Religion*

### Alkaloid Synthesis Using 2-Azaallyl Anion Cycloadditions.

**FRIDAY, OCTOBER 20**  
Prof. William Pearson, University of Michigan. 158 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*

### Products of Experts.

**TUESDAY, OCTOBER 24**  
Prof. Geoffrey Hinton, University College London. 1105 Sandford Fleming Building. 11 a.m. *Computer Science*

### Cosmopolitan Isolates at Home and Abroad: Chemists and Physicians in the 1780s and 1790s.

**WEDNESDAY, OCTOBER 25**  
Trevor Levere, Institute for the History & Philosophy of Science & Technology. 323 Old Victoria College. 4 p.m. *IHPST*

### Exploring High-T<sub>c</sub> Superconductivity: One Atom at a Time.

**THURSDAY, OCTOBER 26**  
Prof. Seamus Davis, University of California at Berkeley. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

### Surface Functionalization and Imaging Using Monolayers and Surface-Grafted Polymer Layers.

**FRIDAY, OCTOBER 27**  
Prof. Patricia Bianconi, University of Massachusetts. 158 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*

### Pharmaceutical Company Gifts to Physicians.

**TUESDAY, OCTOBER 31**  
Prof. Alex Levin, Joint Centre for Bioethics; ethics discussion series. Dean's Conference Room, Medical Sciences Building. Noon. *Research Services and Research Office, Faculty of Medicine*



## SEMINARS

### Ukrainian Literature Today: An Insider's Perspective.

**MONDAY, OCTOBER 16**  
Yurii Andrukhovych, Ivano-Frankivsk; in Ukrainian. 256 University College. 4:10 p.m. *Canadian Institute of Ukrainian Studies and Danylo Struk Memorial Program in Ukrainian Literature*

### Genetic Analysis of Fgfr2.

**WEDNESDAY, OCTOBER 18**

Dr. Peter Lonai, Weizmann Institute of Science, Israel. 968 Mt. Sinai Hospital. Noon. *Samuel Lunenfeld Research Institute*

### Hippocampal Contributions to Pavlovian Fear Conditioning.

**THURSDAY, OCTOBER 19**  
Prof. Michael Fanselow, University of California at Los Angeles. Ben Sadowski Auditorium, Mt. Sinai Hospital. Noon. *Samuel Lunenfeld Research Institute*

### Courts and Politics in Mongolia.

**THURSDAY, OCTOBER 19**  
Enhbaatar Chimid, Constitutional Court of Mongolia; CREES visiting scholar. 108N Munk Centre for International Studies. 2 p.m. *Russian & East European Studies*

### The Socioeconomic Determinants of Prescription Drug Use by the Elderly.

**FRIDAY, OCTOBER 20**  
Indra Pulcins, Canadian Institute for Health Information. 105 Pharmacy Building. 10 a.m. *Pharmacy*

### Popular Education and the Global-Local Dialectic: Emerging Trends.

**FRIDAY, OCTOBER 20**  
Prof. Daniel Schugurensky, OISE/UT. 208N Munk Centre for International Studies. Noon to 2 p.m. E-mail to register, [cis.general@utoronto.ca](mailto:cis.general@utoronto.ca). *Centre for International Studies*

### The Nation-State and Its Exclusions.

**FRIDAY, OCTOBER 20**  
Prof. Anthony Marx, Columbia University. 3050 Sidney Smith Hall. 2 to 4 p.m. *Political Science*

### Barriers to Physical Activity Among Youth.

**MONDAY, OCTOBER 23**  
Prof. Kenneth Allison, public health sciences. Room 106, 222 College St. Noon to 1:30 p.m. *Human Development, Life Course and Aging*

### Axon Guidance and Neural Circuit Formation in Zebra Fish Embryo.

**WEDNESDAY, OCTOBER 25**  
Dr. Michael Granato, Pennsylvania Medical Center, Philadelphia. 968 Mt. Sinai Hospital. Noon. *Samuel Lunenfeld Research Institute*

### The Oligarchs Under Yeltsin and Putin.

**THURSDAY, OCTOBER 26**  
Crystia Freeland, *The Globe and Mail*. Vivian & David Campbell Conference Facility, Munk Centre for International Studies. 4 to 6 p.m. *Russian & East European Studies and Political Science*

### Media and Politics in Eastern Europe and the Former Soviet Union.

**FRIDAY, OCTOBER 27**  
Round table; panelists include: Marta Dyczok, University of Western Ontario, and Sándor Orbán, Budapest Centre for Independent Journalism. 108N Munk Centre for International Studies. Noon to 2 p.m. *Russian & East European Studies*

### Regulating Global Markets to Protect Social, Environmental, Heath and Cultural Values.

**FRIDAY, OCTOBER 27**  
Michelle Swenarchuk, CELA; Carol Phillips, CAW; Gary Neil, Canadian Conference of the Arts. 208N Munk Centre for International Studies. Noon to 2 p.m. E-mail to register, [cis.general@utoronto.ca](mailto:cis.general@utoronto.ca). *Centre for International Studies*



# EVENTS

## Judicial Supremacy in the United States: A Critique and Comparison with Canada.

FRIDAY, OCTOBER 27

Prof. Mark Tushnet, Georgetown University. 208N Munk Centre for International Studies. 2 to 4 p.m. *Political Science and Centre for the Study of the United States*

## The Renaissance of Mechanics.

FRIDAY, OCTOBER 27

Prof. Roy Laird, Carleton University. 205 Northrop Frye Hall, Victoria College. 3:15 p.m. *Reformation & Renaissance Studies*

## Molecular Phenotypes and Adjuvant Chemotherapy in Colorectal Cancers: Searching for the "True Responders."

MONDAY, OCTOBER 30

Dr. Hany Elsah, University of Western Australia and Sir Charles Gairdner Hospital. 968 Mt. Sinai Hospital. 9 a.m. *Samuel Lunenfeld Research Institute*

## Sustainability and Ecocentric Education in a Museum Setting.

MONDAY, OCTOBER 30

Glenn Sutter, Royal Saskatchewan Museum, Regina. 2093 Earth Sciences Centre. 1 p.m. *Environmental Studies*



## MEETINGS & CONFERENCES

### Planning & Budget Committee.

WEDNESDAY, OCTOBER 18

Council Chamber, Simcoe Hall. 5 p.m.

### Governing Council.

THURSDAY, OCTOBER 19

Council Chamber, Simcoe Hall. 4:30 p.m.

### Committee on Academic Policy & Programs.

WEDNESDAY, OCTOBER 25

Council Chamber, Simcoe Hall. 4:10 p.m.

### Access and Equity in University Education: Lessons from TYP and Other Programs.

SATURDAY, OCTOBER 28

Transitional Year Program 30th anniversary conference will bring together TYP students, alumni, current and past faculty and administrators as well as faculty from other departments at the university and from other Ontario and Canadian universities and colleges; graduate and undergraduate students; educators in public education; community representatives; equity workers; among others. Keynote speakers are Prof. Horace Campbell, Syracuse University and co-founder of TYP, and Gord Peters, president and chief executive officer of the Centre for Indigenous Sovereignty and former Ontario vice-chief of the Assembly of First Nations. Wetmore Hall, New College. 9 a.m. to 5 p.m. Information and registration: 946-5193 or 946-5195; e-mail typ.conference@utoronto.ca



## MUSIC

### FACULTY OF MUSIC EDWARD JOHNSON BUILDING

#### Young Artist Series.

TUESDAY, OCTOBER 17

Maghan Stewart, soprano; Colleen Skuil, mezzo-soprano; James Levesque, tenor; Jesse Clark, baritone; Stephen Rails and Bruce Ubukata, piano. Walter Hall. 8 p.m. Tickets \$10, students and seniors \$5.

### Small Jazz Ensembles.

WEDNESDAY, OCTOBER 18 AND

TUESDAY, OCTOBER 24

Favourite standards and student arrangements and compositions. Walter Hall. 8 p.m.

### Thursday Noon Series.

THURSDAY, OCTOBER 19

Susan Hoeppner, flute; Peter Stoll, clarinet; Cordula Hacke, piano; Kelvin Enns, viola; Roxolana Sawka, violin; Karl Toews, cello. Walter Hall. 12:10 p.m.

THURSDAY, OCTOBER 27

Faculty Woodwind Quintet: Douglas Stewart, flute; Stephen Pierre, clarinet; Clare Scholtz, oboe; Kathleen McLean, bassoon; with Marcus Hennigar, French horn; and Che Anne Loewen, piano. Walter Hall. 12:10 p.m.

### Faculty Artist Series.

FRIDAY, OCTOBER 20

Shauna Rolston, cello, and Scott St. John, violin. Walter Hall. 8 p.m. Tickets \$20, students and seniors \$10.

### Electroacoustic Music.

SUNDAY, OCTOBER 22

Recent works by Curcin, Galbraith, Lukman, Obrecht, Olsen, Richardson and Whitney. Walter Hall. 2 p.m.

### Opera Series.

TUESDAY, OCTOBER 24

*The Last Duel* — a First-Hand Look; Gary Kulesha, composer; Michael Patrick Albano, librettist; excerpts from the new opera. Walter Hall. 12:10 p.m.



## EXHIBITIONS

### Partners in the Past: U of T and Ontario Archaeological Society Digs.

WEDNESDAY, OCTOBER 18

Opening reception for archeological and photographic exhibit celebrating the 50th anniversary of OAS. 561A Sidney Smith Hall. 7 p.m. RSVP Ontario Archaeological Society, 730-0797. Exhibit continues until summer 2001, by appointment only, Pat Reed, 978-6293.

### UNIVERSITY OF TORONTO ART CENTRE

#### Dreyfus and Zola: A Moment in the Conscience of the World.

TO OCTOBER 28

This exhibition examines the anti-Semitism that fuelled the Drayfus Affair; the letters, books, photographs, broadsides, newspapers, posters and periodicals belong to the Beitler Family Foundation. Gallery hours: Tuesday to Friday, noon to 6 p.m.; Saturday, noon to 4 p.m.

### U OF T AT MISSISSAUGA

#### Logo City.

TO OCTOBER 29

Campus-wide exhibition at U of T at Mississauga with artists from the Greater Toronto Area, southern Ontario and New York whose work makes reference to urban sign structures such as banners, large-scale lettering, backlit billboards and inflatable signs.

### NEWMAN CENTRE

#### Alexander Kastulin and Vladimir Prokhov.

TO NOVEMBER 4

Ceramic works, wall pieces and sculpture. Ground floor. Hours: Monday to Friday, 9 a.m. to 5 p.m.

### JUSTINA M. BARNICKE

#### GALLERY

#### HART HOUSE

#### Cuban Photographers

#### Exhibition.

TO NOVEMBER 9

Eighty-eight black-and-white images by seven contemporary Cuban photographers; in co-operation with Fototeca de Cuba, Havana. Both galleries. Gallery hours: Monday to Friday, 11 a.m. to 7 p.m.; Saturday and Sunday, 1 to 4 p.m.

### THOMAS FISHER RARE

#### BOOK LIBRARY

#### The Culture of the Book in the Scottish Enlightenment.

TO DECEMBER 22

In addition to printed works the exhibition also includes prints by Hogarth, glass enamel portraits by James Tassie and a replica of the Portland Vase. Hours: Monday to Friday, 9 a.m. to 5 p.m.



## MISCELLANY

### Helping Students Through Crisis: A Resource Guide for Front-Line Staff.

TUESDAY, OCTOBER 17

A workshop to familiarize front-line staff with many of the on and off campus services that can help students, particularly those with family responsibilities. 1 to 3 p.m. To register call 978-0951 or e-mail family.care@utoronto.ca. *Family Care Office*

### Choosing Child Care That Works for Your Family.

THURSDAY, OCTOBER 19

Session covers types of care available, costs, evaluation of caregivers and other information parents need to make the best decision for their children. Noon to 1:30 p.m. To register call 978-0951 or e-mail family.care@utoronto.ca. *Family Care Office*

### A Parent's Guide to the Internet.

WEDNESDAY, OCTOBER 25

Workshop offers tips, advice and suggestions for parents concerned about their children and cybersafety. Noon. To register call 978-0951 or e-mail family.care@utoronto.ca. *Family Care Office*

### Maternity Leave Planning.

THURSDAY, OCTOBER 26

Workshop with a practical approach to preparing faculty, staff and librarians for maternity leave and a successful return to work. Noon to 2:30 p.m. To register call 978-0951 or e-mail family.care@utoronto.ca. *Family Care Office*

### Health Law Day.

FRIDAY, OCTOBER 27

Sessions in Bennett Lecture Hall, Flavelle House, Faculty of Law.

#### Panel 1: Health Policy Reform.

Health Reform: The Prospects for Lawyers, Colleen Flood, U of T; Effecting Change in Health Legislation, Gilbert Sharpe, Cassels Brock Blackwell; Bill 11, the Canada Health Act and the Social Union: The Need for Institutions, Sujit Choudhry, U of T. 8:45 to 10:15 a.m.

Panel 2: Regulation of Medical Research and New Medical Technologies. American Controversies in Medical Research and Canadian Regulatory Options, Trudo Lemmens, U of T; Ethical Review Mechanism of Biomedical Research in Europe, Dominique Sprumont, University of Neuchatel; Patenting Methods of

Medical Treatment, Andrew Christie, University of Melbourne. 10:30 a.m. to noon.

#### Panel 3: Frontiers of Consent.

Consent and Informing About Uncertainty: Blood and Genes, Bernard Dickens, U of T; Patients Awaiting Treatment: What Are They Entitled to Know? Daphne Jarvis, Borden Ladner Gervais; Consent and the Elderly: End-of-Life Decision Making, Patrick Hawkins, Borden Ladner Gervais. 1 to 2:30 p.m.

#### Panel 4: Current Issues in Labour Relations.

Observations on the New OMA-Government Agreement, Michael Mitchell, Sack Goldblatt Mitchell; Implications of Interest-Based Bargaining for the Hospital Sector, Valerie MacDonald, Ontario Nurses Association, and Lori Findleton, Ontario Hospital Association. 2:45 to 4:15 p.m. Registration fee: \$50. Information: 978-7849; jennifer.tam@utoronto.ca. *Law and Centre for Innovation, Law & Policy*

### Cultural Performance Evening.

FRIDAY, OCTOBER 27

Showcases talents of Transitional Year Program alumni and current students; in celebration of the 30th anniversary of TYP and in conjunction with Access and Equity in University Education: Lessons

From TYP and Other Programs conference. Wetmore Hall, New College. 7:30 to 9:30 p.m. RSVP: 946-5193, 946-5195 or typ.conference@utoronto.ca.

### Wit & Wisdom:

#### Canadian Political Cartoonists.

MONDAY, OCTOBER 30

A forum featuring Gary Clement, *National Post*; Patrick Corrigan, *The Toronto Star*; Andy Donato, *The Toronto Sun*; and Brian Gable, *The Globe and Mail*. Moderator: Prof. Janice Gross Stein, director, Munk Centre for International Studies. Auditorium, OISE/UT, 252 Bloor St. W. 7 p.m. *Woodsworth College*



## DEADLINES

Please note that information for Events listings must be received in writing at The Bulletin offices, 21 King's College Circle, by the following times:

Issue of October 30, for events taking place Oct. 30 to Nov. 13: MONDAY, OCT. 16.

For information regarding Events section call Ailsa Ferguson, 978-6981.

UNIVERSITY OF TORONTO

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## UNIVERSITY OF TORONTO FACULTY OF LAW

Please join us for the

## ANNUAL GRAFSTEIN LECTURE IN COMMUNICATIONS LAW & POLICY

by

### TEDSON J. MEYERS

Senior Telecommunications Partner, Coudert Brothers,  
Washington, D.C.

and

President, International Council on Computer Communication  
(ICCC)

## "CHALLENGES AND OPPORTUNITIES IN INTERNATIONAL TELECOMMUNICATIONS"

MONDAY, OCTOBER 23, 2000

4:00 P.M.

BENNETT LECTURE HALL

78 Queen's Park (Flavelle House)

All are welcome to attend  
Reception to follow the lecture



## VIRTUAL TRANSFORMATION

*New agency creates national network of institutes focused on integrated health research*

BY ALAN BERNSTEIN

HEALTH RESEARCH IN CANADA IS AT A unique point in its history, a time of innovation and excitement that is forging a future bright with promise. Dramatic discoveries in genomics and proteomics are revolutionizing our understanding of our basic makeup and of diseases as varied as cancer, diabetes, schizophrenia and muscular dystrophy. Keeping pace with these new insights are the dramatic advances in our understanding of the interconnectedness of social, cultural, economic and environmental factors that affect our well-being. Researchers at the University of Toronto and its affiliated teaching hospitals have been world leaders in this global revolution.

CIHR, the Canadian Institutes of Health Research, epitomizes the changed landscape of the future. Its vision embraces a whole new way of defining, organizing and funding health research for Canada. CIHR is a paradigm for the future because of the way it will integrate different areas of health research, different sectors of the economy and the many steps along the way from the laboratory to hospitals, health care decision-makers and the private sector. The creation of CIHR is a story of transformation — in economic climate, in political support, in social policy and in research thinking.

THE CIHR ACT IS PREDICATED ON THE BELIEF that "Canadians value health as central to happiness and fulfilment and aspire to be among the healthiest people in the world." After all, Canada's health care system matters to all Canadians — it is a defining Canadian value that distinguishes us from our American neighbour and is based on the right of all citizens to equal access to health care.

But the CIHR vision includes additional elements which promise to transform the entire health research enterprise. First, as stated in the act, CIHR's mandate is wide ranging and inclusive, embracing all research that has the potential to impact on health. The act explicitly highlights biomedical and clinical research, research on the health of populations and health services research. The act also expects that these four pillars of CIHR will not simply be pillars of excellence but will form a single continuum, a pipeline of excellence that translates fundamental discovery into improvements in the health care system and informs public policy.

Operationally, the act anticipates the creation of virtual health research institutes, led by scientific directors and guided by institute advisory boards. These institutes will bring together researchers, widely separated by geography and discipline, to focus on important and timely national research initiatives.

Since June 7, when CIHR was launched by the minister of health, Allan Rock, we have plunged into building a new agency that will not just fund research projects but will enunciate coherent strategic objectives that together will set the health research agenda for Canada for the next decade. A slate of 13 institutes that will make up CIHR was confirmed July 25. Recruiting and selecting outstanding men and women from the research community to serve as scientific directors and members of institute advisory boards occupies much of our time now. There is no shortage of excellent candidates in a pool of 130 applicants for the director positions and over 1,200 for the advisory boards. By year end, institutes will be ready for action.

The mandate of CIHR is "to excel, according to internationally accepted standards of scientific excellence, in the creation of new knowledge and its translation into improved health for Canadians, more effective health services and products and a strengthened Canadian health care system." Our challenge is to do this in a way that is both inspiring and



inclusive — to forge an integrated health research agenda that includes all disciplines, sectors and regions of Canada; that reflects the emerging health needs of Canadians and the system that handles them; and that supports health policy decision making.

### THE CIHR VISION PROMISES TO TRANSFORM CANADA'S ENTIRE HEALTH RESEARCH ENTERPRISE.

Convergence and integration are happening across geographic boundaries as technology erases the barriers that used to keep us apart. Integration is happening across disciplines as investigators discover that broader expertise enriches insight and accelerates discoveries. Just the names of some of the most exciting new areas of research — bioinformatics, genetic epidemiology, bioethics, behavioural genetics — connote this cross-disciplinary trend. As well, convergence is beginning to draw together different sectors of the economy — public, private and non-profit.

CIHR is a prime example of this move towards integration.

Through the 13 institutes we are integrating the four pillars of health research — basic biomedical, applied clinical, health services and systems and population health. But integration in the CIHR world reaches beyond disciplines. We have been expressly charged, in the legislation, with integrating new knowledge and translating it into better health for Canadians and better health practices.

As Canadians, we are ideally positioned to take advantage of this revolution thanks to the government's growing appreciation of the central role of science and research and development to Canada's future. This sea change is fuelled by new federal instruments in support of health research — the Canada Foundation for Innovation, Canada Research Chairs, Genome Canada and CIHR.

Government support for research is steadfast. In a speech to the Toronto Board of Trade in September, Finance Minister Paul Martin called on Canada to increase its investment in R & D and aim to rank Canada in the top five among countries in the Organization for Economic Co-operation and Development. "Basic research creates ideas and pushes forward the frontiers of knowledge," he said. "Applied research transforms this knowledge into new products, services and technologies. We need to do more of both. And we need to do it better."

By fostering partnerships with the voluntary health charities, governments, universities, research hospitals and the private sector, I hope that CIHR will become our country's meeting ground, attracting intellectual and financial investment, energy and commitment from all Canadians dedicated to making our health and health research programs the best in the world.

There is considerable international interest in the CIHR "experiment" as noted in recent articles in *Science* and *Nature*. Colleagues in Japan, the United Kingdom, Switzerland, the Netherlands, Sweden and the United States are watching closely as we create these virtual institutes and build research partnerships.

ABOVE ALL, CIHR IS ABOUT PEOPLE, THE REAL ENGINE of discovery. We are in the business of creating knowledge by fostering the "minds that matter" — it is people who make the discoveries, outstanding researchers who create new knowledge. CIHR will help us attract the best and brightest young people into health research. Today Canada's established health researchers, many of whom rank among the very best in the world, have the opportunity to plan boldly for the future, to dream and to forge the new partnerships and collaborations that will enable them to contribute fully to this global revolution in health research.

The government's investment in CIHR will approach half a billion dollars in 2002. It is a good first step that will help make Canada the "place to be" in the 21st century to conduct health research. The next bold step is to reach a level of funding commensurate with a billion-dollar vision.

For almost a century, Canadian researchers, including notably Banting and Best here at U of T, have made internationally recognized discoveries that have contributed to the global efforts to eradicate disease and promote human health. Today we are in the midst of an unprecedented revolution in health and research. In a very real sense, the future of Canada will depend on how successfully we contribute to this revolution.

*An internationally recognized researcher in the fields of genomics and blood cell formation, Dr. Alan Bernstein is inaugural president of CIHR and a professor of medical genetics and microbiology at U of T.*